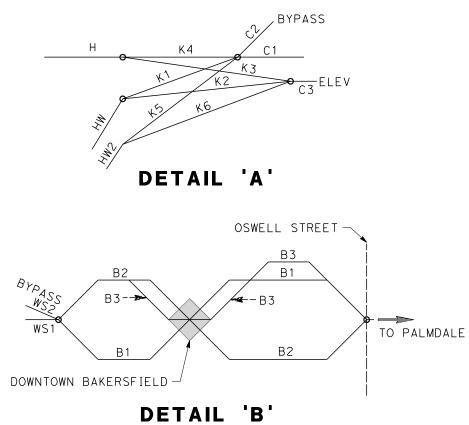


SUBSECTION CODE	NAME	LENGTH (MI)	EIR-EIS ALTERNATIVE
F 1	FRESNO SUBSECTION	7.00	BNSF
М	MONMOUTH SUBSECTION	8.24	BNSF
Н	HANFORD SUBSECTION	20.45	BNSF (HANFORD EAST)
HW	HANFORD WEST BYPASS SUBSECTION	18.27	HANFORD WEST BYPASS 1 & 2
HW2	HANFORD WEST BYPASS SUBSECTION	17.22	HANFORD WEST BYPASS 1 & 2 MODIFIED
K1	KAWEAH SUBSECTION	10.12	HANFORD WEST BYPASS 2 (AT-GRADE) (CONNECTS TO C1 [CORCORAN ELEVATED] OR C2 [CORCORAN BYPASS])
K2	KAWEAH SUBSECTION	10.83	HANFORD WEST BYPASS 1 (AT-GRADE) (CONNECTS TO C3 [BNSF THROUGH CORCORAN])
К3	KAWEAH SUBSECTION	10.61	BNSF (HANFORD EAST) (CONNECTS TO C3 [BNSF THROUGH CORCORAN])
K4	KAWEAH SUBSECTION	9.92	BNSF (HANFORD EAST) (CONNECTS TO C1 [CORCORAN ELEVATED] OR C2 [CORCORAN BYPASS])
K5	KAWEAH SUBSECTION	11.17	HANFORD WEST BYPASS 2 MODIFIED (BELOW-GRADE) (CONNECTS TO C1 [CORCORAN ELEVATED] OR C2 [CORCORAN BYPASS])
К6	KAWEAH SUBSECTION	11.84	HANFORD WEST BYPASS 1 MODIFIED (BELOW-GRADE) (CONNECTS TO C3 [BNSF THROUGH CORCORAN])
C1	CORCORAN SUBSECTION	9.36	CORCORAN ELEVATED
C2	CORCORAN BYPASS SUBSECTION	9.49	CORCORAN BYPASS
C3	CORCORAN SUBSECTION	8.74	BNSF (THROUGH CORCORAN)
Р	PIXLEY SUBSECTION	6.88	BNSF
A 1	ALLENSWORTH BYPASS SUBSECTION	19.05	ALLENSWORTH BYPASS
A2	THROUGH ALLENSWORTH SUBSECTION	19.03	BNSF (THROUGH ALLENSWORTH)
L1	POSO CREEK SUBSECTION	3.18	ALLENSWORTH BYPASS (CONNECTS TO BNSF [THROUGH WASCO-SHAFTER])
L2	POSO CREEK SUBSECTION	8.41	ALLENSWORTH BYPASS (CONNECTS TO WASCO-SHAFTER BYPASS)
L3	POSO CREEK SUBSECTION	3.18	BNSF (THROUGH ALLENSWORTH) (CONNECTS TO BNSF [THROUGH WASCO-SHAFTER])
L4	POSO CREEK SUBSECTION	8.43	BNSF (THROUGH ALLENSWORTH) (CONNECTS TO WASCO-SHAFTER BYPASS)
WS1	THROUGH WASCO-SHAFTER SUBSECTION	20.63	BNSF (THROUGH WASCO-SHAFTER)
WS2	WASCO-SHAFTER BYPASS SUBSECTION	14.49	WASCO-SHAFTER BYPASS
B1	BAKERSFIELD URBAN SUBSECTION	11.95	BNSF (BAKERSFIELD NORTH)
B2	BAKERSFIELD URBAN SUBSECTION	11.88	BAKERSFIELD SOUTH
В3	BAKERSFIELD URBAN SUBSECTION	11.95	BAKERSFIELD HYBRID

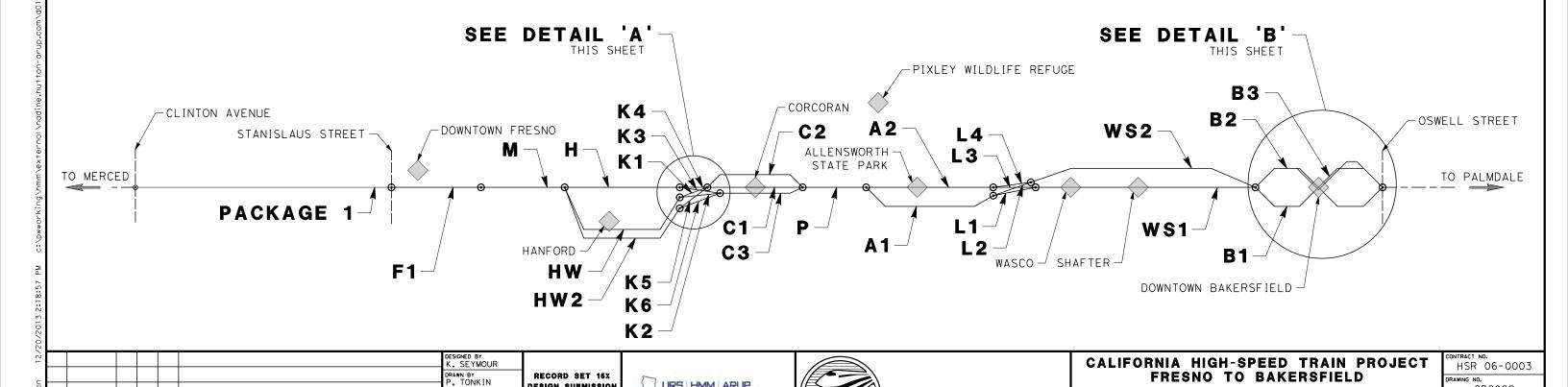


ALIGNMENT ALIGNMENT SUBSECTION DIAGRAM

CB0002

NTS

2 OF 11



CALIFORNIA

HIGH-SPEED RAIL AUTHORITY

URS HMM ARUP

DESIGN SUBMISSION

NOT FOR

CONSTRUCTION

CHECKED BY D. HUNT

DESCRIPTION

BY CHK APP

N CHARGE R. COFFIN

12/31/13

## **GENERAL SHEETS**

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0001	ALIGNMENT - LOCATION MAP	SHEET 1 OF 11	
CB0002	ALIGNMENT - ALIGNMENT SUBSECTIONS DIAGRAM	SHEET 2 OF 11	]
CB1003	ROADWAY & GRADE SEPARATION - INDEX OF SHEETS - SHEET 1 OF 7	SHEET 3 OF 11	]
CB1004	ROADWAY & GRADE SEPARATION - INDEX OF SHEETS - SHEET 2 OF 7	SHEET 4 OF 11	
CB1005	ROADWAY & GRADE SEPARATION - INDEX OF SHEETS - SHEET 3 OF 7	SHEET 5 OF 11	
CB1006	ROADWAY & GRADE SEPARATION - INDEX OF SHEETS - SHEET 4 OF 7	SHEET 6 OF 11	] ,
CB1007	ROADWAY & GRADE SEPARATION - INDEX OF SHEETS - SHEET 5 OF 7	SHEET 7 OF 11	
CB1008	ROADWAY & GRADE SEPARATION - INDEX OF SHEETS - SHEET 6 OF 7	SHEET 8 OF 11	
CB1009	ROADWAY & GRADE SEPARATION - INDEX OF SHEETS - SHEET 7 OF 7	SHEET 9 OF 11	
CB0010	GENERAL - ABBREVIATIONS & LEGENDS - SHEET 1 OF 2	SHEET 10 OF 11	
CB0011	GENERAL - ABBREVIATIONS & LEGENDS - SHEET 2 OF 2	SHEET 11 OF 11	

## ALIGNMENT F1 - FRESNO SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No
CB0040	FRESNO SUBSECTION - ALIGNMENT F1 - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 28	
CT1012	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION LAYOUT - STANISLAUS ST & TUOLUMNE ST	SHEET 2 OF 28	1
CT1013	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION LAYOUT - FRESNO ST	SHEET 3 OF 28	
CT1017	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION LAYOUT - TULARE ST (UNDERPASS)	SHEET 4 OF 28	
CT1020	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION LAYOUT - VENTURA ST (UNDERPASS)	SHEET 5 OF 28	
CT1021	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION LAYOUT - E CHURCH AVE	SHEET 6 OF 28	
CT1025	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION LAYOUT - E CENTRAL AVE	SHEET 7 OF 28	
CT1028	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION LAYOUT - E AMERICAN AVE	SHEET 8 OF 28	
CT2011	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION PROFILE - STANISLAUS ST	SHEET 9 OF 28	
CT2012	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION PROFILE - TUOLUMNE ST	SHEET 10 OF 28	
CT2013	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION PROFILE - FRESNO ST	SHEET 11 OF 28	
CT2014	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION PROFILE - H ST (FRESNO ST)	SHEET 12 OF 28	
CT2015	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION PROFILE - G ST (FRESNO ST)	SHEET 13 OF 28	
CT2017	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION PROFILE - TULARE ST (UNDERPASS)	SHEET 14 OF 28	1
CT2018	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION PROFILE - G ST (TULARE ST UNDERPASS)	SHEET 15 OF 28	
CT2020	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION PROFILE - VENTURA ST (UNDERPASS)	SHEET 16 OF 28	
CT2029	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION PROFILE - G ST & H ST (VENTURA ST UNDERPASS)	SHEET 17 OF 28	
CT2021	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION PROFILE - E CHURCH AVE	SHEET 18 OF 28	
CT2022	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION PROFILE - S G ST (E CHURCH AVE)	SHEET 19 OF 28	
CT2023	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION PROFILE - S EAST AVE AND SUNLAND AVE	SHEET 20 OF 28	
CT2024	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION PROFILE - S GOLDEN STATE BLVD	SHEET 21 OF 28	
CT2025	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION PROFILE - E CENTRAL AVE	SHEET 22 OF 28	
CT2027	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION PROFILE - S CEDAR AVE	SHEET 23 OF 28	
CT2028	FRESNO SUBSECTION - ALIGNMENT F1 - GRADE SEPARATION PROFILE - E AMERICAN AVE	SHEET 24 OF 28	
CT3001	FRESNO SUBSECTION - ALIGNMENT F1 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 25 OF 28	
CT3002	FRESNO SUBSECTION - ALIGNMENT F1 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 26 OF 28	]
CT3003	FRESNO SUBSECTION - ALIGNMENT F1 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 27 OF 28	]
CT3004	FRESNO SUBSECTION - ALIGNMENT F1 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 28 OF 28	

#### ALIGNMENT M - MONMOUTH SUBSECTION

CT1101 M	DRAWING DESCRIPTION  MONMOUTH SUBSECTION - ALIGNMENT M - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET No.	PART No.
CT1101 M	MONMOUTH SUBSECTION - ALIGNMENT M - ROADWAY/GRADE SEPARATION - KEY MAP		
		SHEET 1 OF 32	
CT1103 M	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E LINCOLN AVE	SHEET 2 OF 32	
011103   10	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E ADAMS AVE	SHEET 3 OF 32	1
CT1104 M	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E SOUTH AVE	SHEET 4 OF 32	
CT1106 M	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E MANNING AVE	SHEET 5 OF 32	
CT1107 M	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E MANNING AVE	SHEET 6 OF 32	
CT1109 M	NONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E FLORAL AVE	SHEET 7 OF 32	
CT1110 M	NONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E FLORAL AVE	SHEET 8 OF 32	
CT1111 M	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E NEBRASKA AVE	SHEET 9 OF 32	
CT1112 M	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E NEBRASKA AVE	SHEET 10 OF 32	
CT1113 M	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E MOUNTAIN VIEW AVE	SHEET 11 OF 32	
CT1114 M	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION LAYOUT - E MOUNTAIN VIEW AVE	SHEET 12 OF 32	
CT1115 M	NONMOUTH SUBSECTION - ALIGNMENT M - ROADWAY LAYOUT - S CHESTNUT AVE (NORTH)	SHEET 13 OF 32	
CT1116 M	NONMOUTH SUBSECTION - ALIGNMENT M - ROADWAY LAYOUT - S CHESTNUT AVE (SOUTH)	SHEET 14 OF 32	
CT2101 M	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E LINCOLN AVE AND S MAPLE AT E LINCOLN AVE	SHEET 15 OF 32	
CT2102 M	MONMOUTH SUBSECTION - ALIGNMENT M - ROADWAY PROFILE - S CEDAR AND S MAPLE AT E ADAMS	SHEET 16 OF 32	1
CT2103 M	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E ADAMS AVE	SHEET 17 OF 32	
CT2104 M	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E SOUTH AVE AND S CEDAR AT E SOUTH AVE	SHEET 18 OF 32	
CT2105 M	NONMOUTH SUBSECTION - ALIGNMENT M - ROADWAY PROFILE - S MAPLE AT E MANNING	SHEET 19 OF 32	
CT2106 M	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E MANNING AVE	SHEET 20 OF 32	
CT2107 M	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E MANNING AVE	SHEET 21 OF 32	
CT2108 M	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E FLORAL AVE	SHEET 22 OF 32	
CT2109 M	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E FLORAL AVE	SHEET 23 OF 32	
CT2110 M	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E NEBRASKA AVE	SHEET 24 OF 32	
CT2111 M	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E NEBRASKA AVE	SHEET 25 OF 32	
CT2112 M	NONMOUTH SUBSECTION - ALIGNMENT M - ROADWAY PROFILE - S CHESTNUT AT E NEBRASKA AVE	SHEET 26 OF 32	
CT2113 M	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E MOUNTAIN VIEW AVE	SHEET 27 OF 32	
CT2114 M	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - E MOUNTAIN VIEW AVE	SHEET 28 OF 32	
CT2115 M	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - S CHESTNUT AVE (NORTH)	SHEET 29 OF 32	
CT2116 M	MONMOUTH SUBSECTION - ALIGNMENT M - GRADE SEPARATION PROFILE - S CHESTNUT AVE (SOUTH)	SHEET 30 OF 32	
CT3010 M	MONMOUTH SUBSECTION - ALIGNMENT M - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 31 OF 32	
CT3011 M	MONMOUTH SUBSECTION - ALIGNMENT M - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 32 OF 32	

DESIGNED BY E. SUDHAUSEN DRAWN BY P. LEES CHECKED BY
A. BRUNDAGE IN CHARGE R. COFFIN 12/31/13 BY CHK APP DESCRIPTION

RECORD SET 15% DESIGN SUBMISSION NOT FOR CONSTRUCTION





#### CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD

ROADWAY & GRADE SEPARATION INDEX OF SHEETS SHEET 1 OF 7

CONTRAC			
HS	R	06-0003	
DRAWING	NO.		
	CE	31003	
SCALE			
1	10	SCALE	
CUEET A			

3 OF 11

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART N
CB0055	HANFORD SUBSECTION - ALIGNMENT H - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 60	
CT1117	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - S CLOVIS AVE	SHEET 2 OF 60	
CT1118	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - S CLOVIS AVE	SHEET 3 OF 60	
CT1119	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - E ELKHORN AVE	SHEET 4 OF 60	
CT1120	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - E ELKHORN AVE	SHEET 5 OF 60	
CT1121	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - S FOWLER AVE	SHEET 6 OF 60	
CT1122	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - S FOWLER AVE	SHEET 7 OF 60	
CT1123	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - E DAVIS AVE	SHEET 8 OF 60	
CT1124	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - E DAVIS AVE	SHEET 9 OF 60	
CT1130	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - DOVER AVE	SHEET 10 OF 60	
CT1131	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - DOVER AVE	SHEET 11 OF 60	
CT1132	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - 8TH AVE (NORTH)	SHEET 12 OF 60	
CT1133	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - 8TH AVE (NORTH)	SHEET 13 OF 60	
CT1134		SHEET 14 OF 60	
CT1134	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - EXCELSIOR AVE		
	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - EXCELSIOR AVE	SHEET 15 OF 60	
CT1136	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - ELDER AVE	SHEET 16 OF 60	
CT1137	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - ELDER AVE	SHEET 17 OF 60	
CT1138	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - FLINT AVE	SHEET 18 OF 60	
CT1139	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - FLINT AVE	SHEET 19 OF 60	
CT1140	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - FARGO AVE	SHEET 20 OF 60	
CT1141	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - FARGO AVE	SHEET 21 OF 60	
CT1144	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - HANFORD ARMONA RD	SHEET 22 OF 60	
CT1145	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - HANFORD ARMONA RD	SHEET 23 OF 60	
CT1146	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - HOUSTON AVE	SHEET 24 OF 60	
CT1147	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - HOUSTON AVE	SHEET 25 OF 60	
CT1148	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - IONA AVE	SHEET 26 OF 60	
CT1149	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION LAYOUT - IONA AVE	SHEET 27 OF 60	
CT2117	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - S CLOVIS AVE	SHEET 28 OF 60	
CT2118	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - S CLOVIS AVE	SHEET 29 OF 60	
CT2119	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - E ELKHORN AVE	SHEET 30 OF 60	
CT2120	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - E ELKHORN AVE	SHEET 31 OF 60	
CT2121	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - S FOWLER AVE	SHEET 32 OF 60	
CT2122	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - S FOWLER AVE	SHEET 33 OF 60	
CT2123	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - E DAVIS AVE	SHEET 34 OF 60	
CT2124	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - E DAVIS AVE	SHEET 35 OF 60	
CT2130	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - DOVER AVE	SHEET 36 OF 60	
CT2131	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - DOVER AVE	SHEET 37 OF 60	
CT2132	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - OUVER AVE  HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - 8TH AVE (NORTH)	SHEET 38 OF 60	
CT2133	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - 8TH AVE (NORTH)	SHEET 39 OF 60	
CT2134	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - EXCELSIOR AVE	SHEET 40 OF 60	
CT2135	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - EXCELSIOR AVE	SHEET 41 OF 60	
CT2136	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - ELDER AVE	SHEET 42 OF 60	
CT2137	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - ELDER AVE	SHEET 43 OF 60	
CT2138	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - FLINT AVE	SHEET 44 OF 60	
CT2139	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - FLINT AVE	SHEET 45 OF 60	
CT2140	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - FARGO AVE	SHEET 46 OF 60	
CT2141	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - FARGO AVE	SHEET 47 OF 60	
CT2142	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - 7 1/2 AVE CONNECTOR	SHEET 48 OF 60	
CT2143	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - 7 1/2 AVE	SHEET 49 OF 60	
CT2144	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - HANFORD ARMONA RD	SHEET 50 OF 60	
CT2145	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - HANFORD ARMONA RD	SHEET 51 OF 60	
CT2146	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - HOUSTON AVE	SHEET 52 OF 60	
CT2147	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - HOUSTON AVE	SHEET 53 OF 60	
CT2148	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - IONA AVE	SHEET 54 OF 60	
CT2149	HANFORD SUBSECTION - ALIGNMENT H - GRADE SEPARATION PROFILE - IONA AVE	SHEET 55 OF 60	
CR1251	HANFORD SUBSECTION - ALIGNMENT H - GOADWAY LAYOUT - E CLARKSON AVE & S MINNEWAWA AVE	SHEET 56 OF 60	
CR2251	HANFORD SUBSECTION - ALIGNMENT H - ROADWAY PROFILE - E CLARKSON AVE & S MINNEWAWA AVE	SHEET 57 OF 60	
CR2252		SHEET 58 OF 60	
	HANFORD SUBSECTION - ALIGNMENT H - ROADWAY PROFILE - E CLARKSON AVE & S MINNEWAWA AVE		
CT3030	HANFORD SUBSECTION - ALIGNMENT H - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 59 OF 60	

#### ALIGNMENT HW - HANFORD WEST BYPASS SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0210	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 47	
CT1310	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION LAYOUT - E CONEJO AVE	SHEET 2 OF 47	
CT1311	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION LAYOUT - E ELKHORN AVE	SHEET 3 OF 47	
CT1313	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION LAYOUT - S CLOVIS AVE	SHEET 4 OF 47	
CT1314	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION LAYOUT - S CLOVIS AVE	SHEET 5 OF 47	
CT1315	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION LAYOUT - EXCELSIOR AVE	SHEET 6 OF 47	
CT1316	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION LAYOUT - EXCELSIOR AVE	SHEET 7 OF 47	
CT1317	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION LAYOUT - FLINT AVE	SHEET 8 OF 47	
CT1318	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION LAYOUT - FLINT AVE	SHEET 9 OF 47	
CT1319	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION LAYOUT - FARGO AVE	SHEET 10 OF 47	
CT1321	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION LAYOUT - GRANGEVILLE BLVD	SHEET 11 OF 47	
CT1322	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION LAYOUT - W LACEY BOULEVARD / 13TH AVE	SHEET 12 OF 47	
CT1323	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION LAYOUT - W LACEY BOULEVARD / 13TH AVE	SHEET 13 OF 47	
CT1327	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION LAYOUT - GLENDALE AVE/SR 198/HANFORD ARMONA RD	SHEET 14 OF 47	
CT1328	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION LAYOUT - GLENDALE AVE/SR 198/HANFORD ARMONA RD	SHEET 15 OF 47	
CT1334	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION LAYOUT - HOUSTON AVE	SHEET 16 OF 47	
CT1336	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION LAYOUT - IONA AVE	SHEET 17 OF 47	
CT2310	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - E CONEJO AVE	SHEET 18 OF 47	
CT2311	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - E ELKHORN AVE	SHEET 19 OF 47	
CT2312	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - E ELKHORN AVE	SHEET 20 OF 47	
CT2313	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - S CLOVIS AVE	SHEET 21 OF 47	
CT2314	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - S CLOVIS AVE	SHEET 22 OF 47	
CT2315	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - EXCELSIOR AVE	SHEET 23 OF 47	
CT2316	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - EXCELSION AVE	SHEET 24 OF 47	1
CT2317	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - FLINT AVE	SHEET 25 OF 47	
CT2318	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - FLINT AVE	SHEET 26 OF 47	
CT2319	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - FARGO AVE	SHEET 27 OF 47	
CT2320	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - FARGO AVE	SHEET 28 OF 47	
CT2321	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - GRANGEVILLE BLVD	SHEET 29 OF 47	
CT2322	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - W LACEY BLVD	SHEET 30 OF 47	
CT2323	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - 13TH AVE	SHEET 31 OF 47	
CT2324	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - 13TH AVE	SHEET 32 OF 47	
CT2327	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - SR 198	SHEET 33 OF 47	
CT2328	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - SR 198	SHEET 34 OF 47	
CT2329	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - GLENDALE AVE	SHEET 35 OF 47	
CT2330	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - GLENDALE AVE  HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - HANFORD ARMONA RD	SHEET 36 OF 47	
CT2331	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - HANFORD ARMONA RD	SHEET 37 OF 47	
CT2331	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - SR 198 RAMPS	SHEET 38 OF 47	
CT2334	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - HOUSTON AVE	SHEET 39 OF 47	
CT2335	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - HOUSTON AVE  HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - HOUSTON AVE	SHEET 40 OF 47	
CT2336		SHEET 41 OF 47	
CT2336	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - IONA AVE  HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - IONA AVE	SHEET 42 OF 47	
CT2338	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - IONA AVE  HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - GRADE SEPARATION PROFILE - 12TH AVE (AT IONA AVE)	SHEET 43 OF 47	
CT3330		SHEET 44 OF 47	
CT3331	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS  HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 45 OF 47	
CT3331	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS  HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 46 OF 47	
CT3332	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS  HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 46 OF 47	
CISSSS	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	3/1EET 4/ UF 4/	<u> </u>

DESIGNED BY E. SUDHAUSEN CHECKED BY
G. SCHLERETH N CHARGE E 12/31/13 BY CHK APP DESCRIPTION

HANFORD SUBSECTION - ALIGNMENT H - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS HANFORD SUBSECTION - ALIGNMENT H - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS

> RECORD SET 15% DESIGN SUBMISSION NOT FOR

> > CONSTRUCTION





#### CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD

ROADWAY & GRADE SEPARATION INDEX OF SHEETS SHEET 2 OF 7

CONTRAC	T NC	).			
HSI	7	06-0003	3		
DRAWING NO.					
CB1004					
SCALE					
N	Ю	SCALE			

SHEET NO. 4 OF 11

## ALIGNMENT HW2 - HANFORD WEST BYPASS SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0215	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 37	
CT1536	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION LAYOUT - E CONEJO AVE	SHEET 2 OF 37	
CT1537	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION LAYOUT - E ELKHORN AVE	SHEET 3 OF 37	
CT1538	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION LAYOUT - E ELKHORN AVE / S CLOVIS AVE	SHEET 4 OF 37	
CT1539	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION LAYOUT - S CLOVIS AVE	SHEET 5 OF 37	
CT1540	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION LAYOUT - EXCELSIOR AVE	SHEET 6 OF 37	
CT1541	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION LAYOUT - EXCELSIOR AVE	SHEET 7 OF 37	
CT1542	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION LAYOUT - FLINT AVE	SHEET 8 OF 37	
CT1543	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION LAYOUT - FLINT AVE	SHEET 9 OF 37	
CT1544	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION LAYOUT - FARGO AVE	SHEET 10 OF 37	
CT1545	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION LAYOUT - GRANGEVILLE BLVD	SHEET 11 OF 37	
CT1546	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION LAYOUT - W LACEY BOULEVARD / 13TH AVE	SHEET 12 OF 37	
CT1547	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION LAYOUT - 13TH AVE	SHEET 13 OF 37	
CT1548	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION LAYOUT - GLENDALE AVE/SR 198/HANFORD ARMONA RD	SHEET 14 OF 37	
CT1549	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION LAYOUT - HOUSTON AVE	SHEET 15 OF 37	
CT2535	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION PROFILE - E CONEJO AVE	SHEET 16 OF 37	
CT2536	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION PROFILE - E ELKHORN AVE	SHEET 17 OF 37	
CT2537	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION PROFILE - E ELKHORN AVE	SHEET 18 OF 37	
CT2538	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION PROFILE - S CLOVIS AVE	SHEET 19 OF 37	1
CT2539	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION PROFILE - S CLOVIS AVE	SHEET 20 OF 37	
CT2540	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION PROFILE - EXCELSIOR AVE	SHEET 21 OF 37	
CT2541	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION PROFILE - EXCELSIOR AVE	SHEET 22 OF 37	
CT2542	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION PROFILE - FLINT AVE	SHEET 23 OF 37	
CT2543	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION PROFILE - FLINT AVE	SHEET 24 OF 37	
CT2544	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION PROFILE - FARGO AVE	SHEET 25 OF 37	
CT2545	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION PROFILE - FARGO AVE	SHEET 26 OF 37	
CT2546	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION PROFILE - GRANGEVILLE BLVD	SHEET 27 OF 37	
CT2547	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION PROFILE - W LACEY BLVD	SHEET 28 OF 37	
CT2548	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION PROFILE - 13TH AVE	SHEET 29 OF 37	
CT2549	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION PROFILE - 13TH AVE	SHEET 30 OF 37	
CT2550	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION PROFILE - SR 198 / GLENDALE AVE	SHEET 31 OF 37	
CT2551	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION PROFILE - HANFORD ARMONA RD	SHEET 32 OF 37	
CT2552	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION PROFILE - HOUSTON AVE	SHEET 33 OF 37	
CT2553	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - GRADE SEPARATION PROFILE - HOUSTON AVE	SHEET 34 OF 37	
CT 3355	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 35 OF 37	
CT 3356	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 36 OF 37	
CT 3357	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW2 (BELOW-GRADE) - MODIFIED - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 37 OF 37	

## ALIGNMENT K1 - KAWEAH SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0220	KAWEAH SUBSECTION - ALIGNMENT K1 - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 23	
CT1350	KAWEAH SUBSECTION - ALIGNMENT K1 - GRADE SEPARATION LAYOUT - 12TH AVE / IDAHO AVE	SHEET 2 OF 23	
CT1351	KAWEAH SUBSECTION - ALIGNMENT K1 - GRADE SEPARATION LAYOUT - 12TH AVE / IDAHO AVE	SHEET 3 OF 23	
CT1354	KAWEAH SUBSECTION - ALIGNMENT K1 - GRADE SEPARATION LAYOUT - JACKSON AVE	SHEET 4 OF 23	
CT1356	KAWEAH SUBSECTION - ALIGNMENT K1 - GRADE SEPARATION LAYOUT - S 11TH AVE	SHEET 5 OF 23	
CT1359	KAWEAH SUBSECTION - ALIGNMENT K1 - GRADE SEPARATION LAYOUT - KANSAS AVE	SHEET 6 OF 23	
CT1360	KAWEAH SUBSECTION - ALIGNMENT K1 - GRADE SEPARATION LAYOUT - KANSAS AVE / S 10TH ST	SHEET 7 OF 23	
CT1361	KAWEAH SUBSECTION - ALIGNMENT K1 - GRADE SEPARATION LAYOUT - LANSING AVE	SHEET 8 OF 23	
CT2350	KAWEAH SUBSECTION - ALIGNMENT K1 - GRADE SEPARATION PROFILE - IDAHO AVE	SHEET 9 OF 23	
CT2351	KAWEAH SUBSECTION - ALIGNMENT K1 - GRADE SEPARATION PROFILE - IDAHO AVE	SHEET 10 OF 23	
CT2352	KAWEAH SUBSECTION - ALIGNMENT K1 - GRADE SEPARATION PROFILE - 12TH AVE (AT IDAHO AVE)	SHEET 11 OF 23	1
CT2353	KAWEAH SUBSECTION - ALIGNMENT K1 - GRADE SEPARATION PROFILE - 12TH AVE (AT IDAHO AVE)	SHEET 12 OF 23	] 1
CT2354	KAWEAH SUBSECTION - ALIGNMENT K1 - GRADE SEPARATION PROFILE - JACKSON AVE	SHEET 13 OF 23	
CT2355	KAWEAH SUBSECTION - ALIGNMENT K1 - GRADE SEPARATION PROFILE - JACKSON AVE	SHEET 14 OF 23	
CT2356	KAWEAH SUBSECTION - ALIGNMENT K1 - GRADE SEPARATION PROFILE - 11TH AVE	SHEET 15 OF 23	
CT2357	KAWEAH SUBSECTION - ALIGNMENT K1 - GRADE SEPARATION PROFILE - 11TH AVE	SHEET 16 OF 23	
CT2358	KAWEAH SUBSECTION - ALIGNMENT K1 - GRADE SEPARATION PROFILE - DRIVEWAYS (AT 11TH AVE)	SHEET 17 OF 23	
CT2359	KAWEAH SUBSECTION - ALIGNMENT K1 - GRADE SEPARATION PROFILE - KANSAS AVE	SHEET 18 OF 23	
CT2360	KAWEAH SUBSECTION - ALIGNMENT K1 - GRADE SEPARATION PROFILE - KANSAS AVE / S 10TH AVE	SHEET 19 OF 23	
CT2361	KAWEAH SUBSECTION - ALIGNMENT K1 - GRADE SEPARATION PROFILE - LANSING AVE	SHEET 20 OF 23	
CT2362	KAWEAH SUBSECTION - ALIGNMENT K1 - GRADE SEPARATION PROFILE - LANSING AVE	SHEET 21 OF 23	
CT 3340	KAWEAH SUBSECTION - ALIGNMENT K1 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 22 OF 23	
CT 3341	KAWEAH SUBSECTION - ALIGNMENT K1 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 23 OF 23	

## **ALIGNMENT K2 - KAWEAH SUBSECTION**

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0230	KAWEAH SUBSECTION - ALIGNMENT K2 - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 27	
CT1370	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION LAYOUT - 12TH AVE / IDAHO AVE	SHEET 2 OF 27	
CT1371	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION LAYOUT - 12TH AVE / IDAHO AVE	SHEET 3 OF 27	
CT1374	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION LAYOUT - JACKSON AVE	SHEET 4 OF 27	
CT1376	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION LAYOUT - S 11TH AVE/ KENT AVE	SHEET 5 OF 27	
CT1377	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION LAYOUT - S 11TH AVE/ KENT AVE	SHEET 6 OF 27	
CT1378	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION LAYOUT - KANSAS AVE	SHEET 7 OF 27	
CT1379	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION LAYOUT - LANSING AVE	SHEET 8 OF 27	
CT1381	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION LAYOUT - NEVADA AVE	SHEET 9 OF 27	
CT1382	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION LAYOUT - NEVADA AVE	SHEET 10 OF 27	
CT2370	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION PROFILE - IDAHO AVE	SHEET 11 OF 27	
CT2371	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION PROFILE - IDAHO AVE	SHEET 12 OF 27	
CT2372	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION PROFILE - 12TH AVE (AT IDAHO)	SHEET 13 OF 27	1
CT2373	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION PROFILE - 12TH AVE (AT IDAHO)	SHEET 14 OF 27	
CT2374	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION PROFILE - JACKSON AVE	SHEET 15 OF 27	
CT2375	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION PROFILE - JACKSON AVE	SHEET 16 OF 27	
CT2376	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION PROFILE - 11TH AVE	SHEET 17 OF 27	
CT2377	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION PROFILE - KENT AVE	SHEET 18 OF 27	
CT2378	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION PROFILE - KANSAS AVE	SHEET 19 OF 27	
CT2379	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION PROFILE - KANSAS AVE	SHEET 20 OF 27	
CT2380	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION PROFILE - LANSING AVE	SHEET 21 OF 27	
CT2381	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION PROFILE - LANSING AVE	SHEET 22 OF 27	
CT2382	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION PROFILE - NEVADA AVE	SHEET 23 OF 27	
CT2383	KAWEAH SUBSECTION - ALIGNMENT K2 - GRADE SEPARATION PROFILE - NEVADA AVE	SHEET 24 OF 27	
CT3350	KAWEAH SUBSECTION - ALIGNMENT K2 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 25 OF 27	
CT3351	KAWEAH SUBSECTION - ALIGNMENT K2 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 26 OF 27	
CT3352	KAWEAH SUBSECTION - ALIGNMENT K2 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 27 OF 27	

## **ALIGNMENT K3 - KAWEAH SUBSECTION**

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0060	KAWEAH SUBSECTION - ALIGNMENT K3 - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 27	TAINT NO.
CT1201	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION LAYOUT - IDAHO AVE	SHEET 2 OF 27	
CT1202	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION LAYOUT - IDAHO AVE	SHEET 3 OF 27	
CT1203	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION LAYOUT - JACKSON AVE	SHEET 4 OF 27	
CT1204	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION LAYOUT - JACKSON AVE	SHEET 5 OF 27	
CT1205	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION LAYOUT - STATE ROUTE 43 (JERSEY AVE)	SHEET 6 OF 27	
CT1206	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION LAYOUT - STATE ROUTE 43 (JERSEY AVE)	SHEET 7 OF 27	
CT1207	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION LAYOUT - KENT AVE	SHEET 8 OF 27	
CT1208	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION LAYOUT - KENT AVE	SHEET 9 OF 27	
CT1209	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION LAYOUT - KANSAS AVE	SHEET 10 OF 27	
CT1210	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION LAYOUT - KANSAS AVE	SHEET 11 OF 27	
CT1211	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION LAYOUT - NEVADA AVE	SHEET 12 OF 27	
CT1212	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION LAYOUT - NEVADA AVE	SHEET 13 OF 27	1
CT2201	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION PROFILE - IDAHO AVE	SHEET 14 OF 27	1
CT2202	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION PROFILE - IDAHO AVE	SHEET 15 OF 27	
CT2203	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION PROFILE - JACKSON AVE	SHEET 16 OF 27	
CT2204	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION PROFILE - JACKSON AVE	SHEET 17 OF 27	
CT2205	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 43 (JERSEY AVE)	SHEET 18 OF 27	
CT2206	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 43 (JERSEY AVE)	SHEET 19 OF 27	
CT2207	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION PROFILE - KENT AVE	SHEET 20 OF 27	
CT2208	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION PROFILE - KENT AVE	SHEET 21 OF 27	
CT2209	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION PROFILE - KANSAS AVE	SHEET 22 OF 27	
CT2210	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION PROFILE - KANSAS AVE	SHEET 23 OF 27	
CT2211	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION PROFILE - NEVADA AVE	SHEET 24 OF 27	
CT2212	KAWEAH SUBSECTION - ALIGNMENT K3 - GRADE SEPARATION PROFILE - NEVADA AVE	SHEET 25 OF 27	
CT3220	KAWEAH SUBSECTION - ALIGNMENT K3 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 26 OF 27	
CT3221	KAWEAH SUBSECTION - ALIGNMENT K3 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 27 OF 27	

						DESIGNED BY E. SUDHAUSEN
						DRAWN BY P. LEES
						CHECKED BY A. BRUNDAGE
						IN CHARGE R. COFFIN
REV	DATE	ВΥ	СНК	APP	DESCRIPTION	DATE 12/31/13

RECORD SET 15% DESIGN SUBMISSION NOT FOR

CONSTRUCTION





#### CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD

ROADWAY & GRADE SEPARATION INDEX OF SHEETS SHEET 3 OF 7

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1005
SCALE
NO SCALE

SHEET NO. 5 OF 11

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DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0065	KAWEAH SUBSECTION - ALIGNMENT K4 - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 23	
CT1220	KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION LAYOUT - IDAHO AVE	SHEET 2 OF 23	
CT1221	KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION LAYOUT - IDAHO AVE	SHEET 3 OF 23	]
CT1222	KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION LAYOUT - JACKSON AVE	SHEET 4 OF 23	
CT1223	KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION LAYOUT - JACKSON AVE	SHEET 5 OF 23	
CT1224	KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION LAYOUT - STATE ROUTE 43 (JERSEY AVE)	SHEET 6 OF 23	
CT1225	KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION LAYOUT - STATE ROUTE 43 (JERSEY AVE)	SHEET 7 OF 23	
CT1226	KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION LAYOUT - KENT AVE	SHEET 8 OF 23	
CT1227	KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION LAYOUT - KENT AVE	SHEET 9 OF 23	
CT1228	KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION LAYOUT - KANSAS AVE	SHEET 10 OF 23	
CT1229	KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION LAYOUT - KANSAS AVE	SHEET 11 OF 23	1
CT2220	KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION PROFILE - IDAHO AVE	SHEET 12 OF 23	1 1
CT2221	KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION PROFILE - IDAHO AVE	SHEET 13 OF 23	
CT2222	KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION PROFILE - JACKSON AVE	SHEET 14 OF 23	
CT2223	KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION PROFILE - JACKSON AVE	SHEET 15 OF 23	
CT2224	KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 43 (JERSEY AVE)	SHEET 16 OF 23	
CT2225	KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 43 (JERSEY AVE)	SHEET 17 OF 23	
CT2226	KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION PROFILE - KENT AVE	SHEET 18 OF 23	
CT2227	KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION PROFILE - KENT AVE	SHEET 19 OF 23	
CT2228	KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION PROFILE - KANSAS AVE	SHEET 20 OF 23	
CT2229	KAWEAH SUBSECTION - ALIGNMENT K4 - GRADE SEPARATION PROFILE - KANSAS AVE	SHEET 21 OF 23	
CT3230	KAWEAH SUBSECTION - ALIGNMENT K4 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 22 OF 23	
CT3231	KAWEAH SUBSECTION - ALIGNMENT K4 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 23 OF 23	1

## **ALIGNMENT K5 - KAWEAH SUBSECTION**

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0235	KAWEAH SUBSECTION - ALIGNMENT K5 - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 30	
CT1553	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION LAYOUT - IONA AVE	SHEET 2 OF 30	
CT1554	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION LAYOUT - 12TH AVE / IDAHO AVE	SHEET 3 OF 30	
CT1555	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION LAYOUT - 12TH AVE/ IDAHO AVE	SHEET 4 OF 30	
CT1556	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION LAYOUT - JACKSON AVE	SHEET 5 OF 30	
CT1557	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION LAYOUT - JACKSON AVE	SHEET 6 OF 30	
CT1560	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION LAYOUT - S 11TH AVE	SHEET 7 OF 30	
CT1561	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION LAYOUT - S 11TH AVE	SHEET 8 OF 30	
CT1566	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION LAYOUT - KANSAS AVE	SHEET 9 OF 30	
CT1567	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION LAYOUT - KANSAS AVE	SHEET 10 OF 30	
CT1570	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION LAYOUT - LANSING AVE	SHEET 11 OF 30	
CT1571	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION LAYOUT - LANSING AVE	SHEET 12 OF 30	
CT2555	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION PROFILE - IONA AVE	SHEET 13 OF 30	
CT2556	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION PROFILE - IONA AVE	SHEET 14 OF 30	
CT2557	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION PROFILE - 12TH AVE	SHEET 15 OF 30	1
CT2558	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION PROFILE - IDAHO AVE	SHEET 16 OF 30	
CT2559	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION PROFILE - IDAHO AVE	SHEET 17 OF 30	
CT2560	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION PROFILE - 12TH AVE (IDAHO AVE)	SHEET 18 OF 30	
CT2561	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION PROFILE - 12TH AVE (IDAHO AVE)	SHEET 19 OF 30	
CT2562	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION PROFILE - JACKSON AVE	SHEET 20 OF 30	
CT2563	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION PROFILE - JACKSON AVE	SHEET 21 OF 30	
CT2564	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION PROFILE - S 11TH AVE	SHEET 22 OF 30	
CT2565	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION PROFILE - S 11TH AVE	SHEET 23 OF 30	
CT2566	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION PROFILE - 10TH AVE	SHEET 24 OF 30	
CT2567	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION PROFILE - KANSAS AVE	SHEET 25 OF 30	
CT2568	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION PROFILE - KANSAS AVE	SHEET 26 OF 30	
CT2569	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION PROFILE - LANSING AVE	SHEET 27 OF 30	
CT2570	KAWEAH SUBSECTION - ALIGNMENT K5 - GRADE SEPARATION PROFILE - LANSING AVE	SHEET 28 OF 30	
CT3360	KAWEAH SUBSECTION - ALIGNMENT K5 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 29 OF 30	
CT3361	KAWEAH SUBSECTION - ALIGNMENT K5 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 30 OF 30	

## **ALIGNMENT K6 - KAWEAH SUBSECTION**

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0237	KAWEAH SUBSECTION - ALIGNMENT K6 - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 35	
CT1653	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION LAYOUT - IONA AVE	SHEET 2 OF 35	
CT1654	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION LAYOUT - 12TH AVE/IDAHO AVE	SHEET 3 OF 35	
CT1655	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION LAYOUT - 12TH AVE/IDAHO AVE	SHEET 4 OF 35	
CT1656	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION LAYOUT - JACKSON AVE	SHEET 5 OF 35	
CT1657	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION LAYOUT - JACKSON AVE	SHEET 6 OF 35	
CT1660	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION LAYOUT - S 11TH AVE	SHEET 7 OF 35	
CT1661	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION LAYOUT - KENT AVE/S 11TH AVE	SHEET 8 OF 35	
CT1662	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION LAYOUT - S 11TH AVE	SHEET 9 OF 35	
CT1666	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION LAYOUT - KANSAS AVE	SHEET 10 OF 35	
CT1670	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION LAYOUT - LANSING AVE	SHEET 11 OF 35	
CT1671	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION LAYOUT - LANSING AVE	SHEET 12 OF 35	
CT1674	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION LAYOUT - NEVADA AVE	SHEET 13 OF 35	
CT1675	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION LAYOUT - NEVADA AVE	SHEET 14 OF 35	
CT2649	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION PROFILE - IONA AVE	SHEET 15 OF 35	
CT2650	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION PROFILE - IONA AVE	SHEET 16 OF 35	
CT2651	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION PROFILE - 12TH AVE	SHEET 17 OF 35	1 1
CT2652	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION PROFILE - IDAHO AVE	SHEET 18 OF 35	1 1
CT2653	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION PROFILE - IDAHO AVE	SHEET 19 OF 35	
CT2654	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION PROFILE - 12TH AVE AVE	SHEET 20 OF 35	
CT2655	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION PROFILE - 12TH AVE AVE	SHEET 21 OF 35	
CT2656	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION PROFILE - JACKSON AVE	SHEET 22 OF 35	
CT2657	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION PROFILE - JACKSON AVE	SHEET 23 OF 35	
CT2658	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION PROFILE - S 11TH AVE	SHEET 24 OF 35	
CT2659	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION PROFILE - S 11TH AVE	SHEET 25 OF 35	
CT2660	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION PROFILE - KENT AVE	SHEET 26 OF 35	
CT2661	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION PROFILE - KANSAS AVE	SHEET 27 OF 35	
CT2662	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION PROFILE - 10TH AVE CONNECTOR	SHEET 28 OF 35	
CT2663	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION PROFILE - LANSING AVE	SHEET 29 OF 35	
CT2664	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION PROFILE - LANSING AVE	SHEET 30 OF 35	
CT2665	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION PROFILE - NEVADA AVE	SHEET 31 OF 35	
CT2666	KAWEAH SUBSECTION - ALIGNMENT K6 - GRADE SEPARATION PROFILE - NEVADA AVE	SHEET 32 OF 35	
CT3365	KAWEAH SUBSECTION - ALIGNMENT K6 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 33 OF 35	
CT3366	KAWEAH SUBSECTION - ALIGNMENT K6 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 34 OF 35	
CT3367	KAWEAH SUBSECTION - ALIGNMENT K6 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 35 OF 35	

## ALIGNMENT C1 - CORCORAN SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0070	CORCORAN SUBSECTION - ALIGNMENT C1 - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 18	
CT1230	CORCORAN SUBSECTION - ALIGNMENT C1 - GRADE SEPARATION LAYOUT - NEVADA AVE	SHEET 2 OF 18	
CT1231	CORCORAN SUBSECTION - ALIGNMENT C1 - GRADE SEPARATION LAYOUT - NEVADA AVE	SHEET 3 OF 18	
CT1232	CORCORAN SUBSECTION - ALIGNMENT C1 - GRADE SEPARATION LAYOUT - AVE 144	SHEET 4 OF 18	
CT1233	CORCORAN SUBSECTION - ALIGNMENT C1 - GRADE SEPARATION LAYOUT - AVE 144	SHEET 5 OF 18	
CT2230	CORCORAN SUBSECTION - ALIGNMENT C1 - GRADE SEPARATION PROFILE - NEVADA AVE	SHEET 6 OF 18	
CT2231	CORCORAN SUBSECTION - ALIGNMENT C1 - GRADE SEPARATION PROFILE - NEVADA AVE CONNECTOR	SHEET 7 OF 18	
CT2232	CORCORAN SUBSECTION - ALIGNMENT C1 - GRADE SEPARATION PROFILE - AVE 144	SHEET 8 OF 18	
CT2233	CORCORAN SUBSECTION - ALIGNMENT C1 - GRADE SEPARATION PROFILE - AVE 144	SHEET 9 OF 18	2
CR1201	CORCORAN SUBSECTION - ALIGNMENT C1 - ROADWAY LAYOUT - SANTA FE AVE	SHEET 10 OF 18	
CR1202	CORCORAN SUBSECTION - ALIGNMENT C1 - ROADWAY LAYOUT - SANTA FE AVE	SHEET 11 OF 18	
CR1203	CORCORAN SUBSECTION - ALIGNMENT C1 - ROADWAY LAYOUT - SANTA FE AVE	SHEET 12 OF 18	
CR1204	CORCORAN SUBSECTION - ALIGNMENT C1 - ROADWAY LAYOUT - SANTA FE AVE	SHEET 13 OF 18	
CR2201	CORCORAN SUBSECTION - ALIGNMENT C1 - ROADWAY PROFILE - SANTA FE AVE	SHEET 14 OF 18	
CR2202	CORCORAN SUBSECTION - ALIGNMENT C1 - ROADWAY PROFILE - SANTA FE AVE	SHEET 15 OF 18	
CR2203	CORCORAN SUBSECTION - ALIGNMENT C1 - ROADWAY PROFILE - SANTA FE AVE	SHEET 16 OF 18	
CR2204	CORCORAN SUBSECTION - ALIGNMENT C1 - ROADWAY PROFILE - SANTA FE AVE	SHEET 17 OF 18	
CT3040	CORCORAN SUBSECTION - ALIGNMENT C1 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 18 OF 18	

						DESIGNED BY E. SUDHAUSEN
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						CHECKED BY
						G. SCHLERETH
						IN CHARGE R. COFFIN
						DATE
REV	DATE	ВΥ	СНК	APP	DESCRIPTION	12/31/13

RECORD SET 15%
DESIGN SUBMISSION
NOT FOR
CONSTRUCTION





# CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD

ROADWAY & GRADE SEPARATION INDEX OF SHEETS SHEET 4 OF 7 CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1006
SCALE
NO SCALE
SHEET NO.
6 OF 11

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0075	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 18	
CT1239	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION LAYOUT - NEVADA AVE	SHEET 2 OF 18	
CT1240	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION LAYOUT - NEVADA AVE CONNECTOR	SHEET 3 OF 18	
CT1244	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION LAYOUT - CORCORAN HWY	SHEET 4 OF 18	
CT1248	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION LAYOUT - WHITLEY AVE/ STATE ROUTE 137	SHEET 5 OF 18	
CT2239	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION PROFILE - NEVADA AVE	SHEET 6 OF 18	
CT2240	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION PROFILE - NEVADA AVE	SHEET 7 OF 18	
CT2244	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION PROFILE - CORCORAN HWY	SHEET 8 OF 18	
CT2245	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION PROFILE - CORCORAN HWY	SHEET 9 OF 18	2
CT2246	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION PROFILE - 5TH AVE	SHEET 10 OF 18	
CT2247	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION PROFILE - ORANGE AVE CONNECTOR	SHEET 11 OF 18	
CT2248	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - GRADE SEPARATION PROFILE - WHITLEY AVE / STATE ROUTE 137	SHEET 12 OF 18	
CR1230	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - ROADWAY LAYOUT - NILES AVE	SHEET 13 OF 18	
CR1231	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - ROADWAY LAYOUT - 5 1/2 AVE	SHEET 14 OF 18	
CR2230	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - ROADWAY PROFILE - NILES AVE	SHEET 15 OF 18	
CR2231	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - ROADWAY PROFILE - 5 1/2 AVE	SHEET 16 OF 18	
CT3042	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 17 OF 18	
CT3043	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 18 OF 18	

## ALIGNMENT C3 - CORCORAN SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0080	CORCORAN SUBSECTION - ALIGNMENT C3 - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 43	
CT1271	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION LAYOUT - CHARLES ST	SHEET 2 OF 43	
CT1272	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION LAYOUT - CHARLES ST	SHEET 3 OF 43	
CT1273	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION LAYOUT - OTIS AVE	SHEET 4 OF 43	
CT1274	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION LAYOUT - OTIS AVE	SHEET 5 OF 43	1
CT1275	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION LAYOUT - OTIS AVE	SHEET 6 OF 43	
CT1280	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION LAYOUT - STATE ROUTE 43	SHEET 7 OF 43	
CT1281	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION LAYOUT - STATE ROUTE 43	SHEET 8 OF 43	
CT1282	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION LAYOUT - STATE ROUTE 43	SHEET 9 OF 43	
CT1283	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION LAYOUT - STATE ROUTE 43	SHEET 10 OF 43	
CT1284	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION LAYOUT - STATE ROUTE 43	SHEET 11 OF 43	
CT1294	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION LAYOUT - AVE 148	SHEET 12 OF 43	
CT1295	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION LAYOUT - AVE 148 & RD 24	SHEET 13 OF 43	
CT1296	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION LAYOUT - RD 24	SHEET 14 OF 43	
CT2271	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION PROFILE - CHARLES ST	SHEET 15 OF 43	
CT2272	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION PROFILE - CHARLES ST	SHEET 16 OF 43	
CT2273	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION PROFILE - SANTA FE AVE	SHEET 17 OF 43	
CT2274	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION PROFILE - OTIS AVE	SHEET 18 OF 43	2
CT2275	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION PROFILE - OTIS AVE	SHEET 19 OF 43	
CT2276	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION PROFILE - OTIS AVE	SHEET 20 OF 43	
CT2277	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION PROFILE - CONNECTIONS TO OTIS AVE	SHEET 21 OF 43	
CT2278	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION PROFILE - CONNECTIONS TO OTIS AVE	SHEET 22 OF 43	1
CT2279	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION PROFILE - LETTS AVE	SHEET 23 OF 43	
CT2284	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 43 & MAINLINE (SB)	SHEET 24 OF 43	1
CT2285	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 43 & MAINLINE (SB)	SHEET 25 OF 43	
CT2286	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 43 & MAINLINE (SB)	SHEET 26 OF 43	
CT2287	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 43 & MAINLINE (SB)	SHEET 27 OF 43	
CT2288	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 43 & MAINLINE (SB)	SHEET 28 OF 43	
CT2289	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 43 & MAINLINE (NB)	SHEET 29 OF 43	
CT2290	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 43 & MAINLINE (NB)	SHEET 30 OF 43	
CT2291	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 43 & MAINLINE (NB)	SHEET 31 OF 43	
CT2292	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 43 & MAINLINE (NB)	SHEET 32 OF 43	
CT2293	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 43 & MAINLINE (NB)	SHEET 33 OF 43	1
CT2294	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 43 SB OFF RAMP	SHEET 34 OF 43	1
CT2295	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 43 SB ON RAMP	SHEET 35 OF 43	1

## ALIGNMENT C3 - CORCORAN SUBSECTION CONT'D.

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CT2296	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 43 NB OFF RAMP	SHEET 36 OF 43	
CT2297	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 43 NB ON RAMP	SHEET 37 OF 43	
CT2298	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - AVE 148	SHEET 38 OF 43	
CT2299	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - AVE 148	SHEET 39 OF 43	2
CT2300	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION PROFILE - RD 24	SHEET 40 OF 43	
CT2301	CORCORAN SUBSECTION - ALIGNMENT C3 - GRADE SEPARATION PROFILE - RD 24	SHEET 41 OF 43	
CT3044	CORCORAN SUBSECTION - ALIGNMENT C3 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 42 OF 43	
CT3045	CORCORAN SUBSECTION - ALIGNMENT C3 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 43 OF 43	

#### ALIGNMENT P - PIXLEY SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0100	PIXLEY SUBSECTION - ALIGNMENT P - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 16	
CT1401	PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION LAYOUT - AVE 128	SHEET 2 OF 16	
CT1411	PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION LAYOUT - HESSE AVE	SHEET 3 OF 16	
CT1421	PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION LAYOUT - AVE 112	SHEET 4 OF 16	
CT1431	PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION LAYOUT - AVE 88	SHEET 5 OF 16	
CT2401	PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION PROFILE - AVE 128	SHEET 6 OF 16	
CT2402	PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION PROFILE - AVE 128	SHEET 7 OF 16	
CT2411	PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION PROFILE - HESSE AVE	SHEET 8 OF 16	2
CT2412	PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION PROFILE - HESSE AVE	SHEET 9 OF 16	
CT2421	PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION PROFILE - AVE 112	SHEET 10 OF 16	
CT2422	PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION PROFILE - AVE 112	SHEET 11 OF 16	
CT2423	PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION PROFILE - AVE 112 CONNECTOR	SHEET 12 OF 16	
CT2431	PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION PROFILE - AVE 88	SHEET 13 OF 16	
CT2432	PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION PROFILE - AVE 88	SHEET 14 OF 16	
CT2433	PIXLEY SUBSECTION - ALIGNMENT P - GRADE SEPARATION PROFILE - AVE 88 CONNECTOR	SHEET 15 OF 16	
CT3060	PIXLEY SUBSECTION - ALIGNMENT P - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 16 OF 16	

## ALIGNMENT A1 - ALLENSWORTH BYPASS SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0110	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 20	
CT1501	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION LAYOUT - COUNTY RD J22	SHEET 2 OF 20	1
CT1511	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION LAYOUT - GARCES HWY	SHEET 3 OF 20	1
CT1512	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION LAYOUT - SCOFIELD AVE	SHEET 4 OF 20	1
CT1513	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION LAYOUT - SCOFIELD AVE	SHEET 5 OF 20	]
CT1521	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION LAYOUT - POND RD	SHEET 6 OF 20	]
CT1522	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION LAYOUT - POND RD	SHEET 7 OF 20	1
CT1523	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION LAYOUT - MAGNOLIA AVE	SHEET 8 OF 20	
CT1531	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION LAYOUT - PETERSON RD	SHEET 9 OF 20	1
CT2501	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - COUNTY RD J22	SHEET 10 OF 20	2
CT2511	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - GARCES HWY	SHEET 11 OF 20	
CT2512	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - SCOFIELD AVE	SHEET 12 OF 20	1
CT2513	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - SCOFIELD AVE	SHEET 13 OF 20	1
CT2514	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - SCOFIELD AVE	SHEET 14 OF 20	1
CT2521	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - POND RD	SHEET 15 OF 20	1
CT2522	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - POND RD	SHEET 16 OF 20	1
CT2523	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - MAGNOLIA AVE	SHEET 17 OF 20	1
CT2524	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - MAGNOLIA AVE	SHEET 18 OF 20	1
CT2531	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - GRADE SEPARATION PROFILE - PETERSON RD	SHEET 19 OF 20	
CT3070	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 20 OF 20	1

						DESIGNED BY E. SUDHAUSEN
						DRAWN BY P. LEES
						CHECKED BY
						A. BRUNDAGE IN CHARGE
						R. COFFIN
REV	DATE	ВΥ	СНК	APP	DESCRIPTION	12/31/13

RECORD SET 15% DESIGN SUBMISSION NOT FOR

CONSTRUCTION





#### CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD

ROADWAY & GRADE SEPARATION INDEX OF SHEETS SHEET 5 OF 7

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1007
SCALE
NO SCALE
SHEET NO.
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DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0120	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 21	
CT1601	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - GRADE SEPARATION LAYOUT - COUNTY RD J22	SHEET 2 OF 21	1
CT1602	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - GRADE SEPARATION LAYOUT - COUNTY RD J22	SHEET 3 OF 21	
CT1611	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - GRADE SEPARATION LAYOUT - AVE 24	SHEET 4 OF 21	
CT1621	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - GRADE SEPARATION LAYOUT - GARCES HWY	SHEET 5 OF 21	
CT1622	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - GRADE SEPARATION LAYOUT - GARCES HWY	SHEET 6 OF 21	
CT1631	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - GRADE SEPARATION LAYOUT - SCHUSTER RD	SHEET 7 OF 21	
CT1632	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - GRADE SEPARATION LAYOUT - SCHUSTER RD	SHEET 8 OF 21	
CT1641	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - GRADE SEPARATION LAYOUT - PETERSON RD	SHEET 9 OF 21	2
CT1642	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - GRADE SEPARATION LAYOUT - PETERSON RD	SHEET 10 OF 21	
CT2601	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - GRADE SEPARATION PROFILE - COUNTY RD J22	SHEET 11 OF 21	
CT2602	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - GRADE SEPARATION PROFILE - COUNTY RD J22	SHEET 12 OF 21	
CT2611	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - GRADE SEPARATION PROFILE - AVE 24	SHEET 13 OF 21	
CT2612	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - GRADE SEPARATION PROFILE - AVE 24	SHEET 14 OF 21	
CT2621	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - GRADE SEPARATION PROFILE - GARCES HWY	SHEET 15 OF 21	
CT2622	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - GRADE SEPARATION PROFILE - GARCES HWY	SHEET 16 OF 21	
CT2631	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - GRADE SEPARATION PROFILE - SCHUSTER RD	SHEET 17 OF 21	
CT2632	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - GRADE SEPARATION PROFILE - SCHUSTER RD	SHEET 18 OF 21	
CT2641	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - GRADE SEPARATION PROFILE - PETERSON RD	SHEET 19 OF 21	
CT2642	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - GRADE SEPARATION PROFILE - PETERSON RD	SHEET 20 OF 21	
CT3080	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 21 OF 21	

## ALIGNMENT L1 - POSO CREEK SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0130	POSO CREEK SUBSECTION - ALIGNMENT L1 - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 1	2

## ALIGNMENT L2 - POSO CREEK SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0140	POSO CREEK SUBSECTION - ALIGNMENT L2 - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 7	
CT1751	POSO CREEK SUBSECTION - ALIGNMENT L2 - GRADE SEPARATION LAYOUT - STATE ROUTE 46	SHEET 2 OF 7	
CT1752	POSO CREEK SUBSECTION - ALIGNMENT L2 - GRADE SEPARATION LAYOUT - STATE ROUTE 46	SHEET 3 OF 7	] ,
CT2751	POSO CREEK SUBSECTION - ALIGNMENT L2 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 46	SHEET 4 OF 7	] 2
CT2752	POSO CREEK SUBSECTION - ALIGNMENT L2 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 46	SHEET 5 OF 7	
CT2753	POSO CREEK SUBSECTION - ALIGNMENT L2 - GRADE SEPARATION PROFILE - ROOT AVE	SHEET 6 OF 7	
CT3100	POSO CREEK SUBSECTION - ALIGNMENT L2 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 7 OF 7	

#### ALIGNMENT L3 - POSO CREEK SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0150	POSO CREEK SUBSECTION - ALIGNMENT L3 - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 1	2

#### ALIGNMENT L4 - POSO CREEK SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0160	POSO CREEK SUBSECTION - ALIGNMENT L4 - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 7	
CT1851	POSO CREEK SUBSECTION - ALIGNMENT L4 - GRADE SEPARATION LAYOUT - STATE ROUTE 46	SHEET 2 OF 7	
CT1852	POSO CREEK SUBSECTION - ALIGNMENT L4 - GRADE SEPARATION LAYOUT - STATE ROUTE 46	SHEET 3 OF 7	,
CT2851	POSO CREEK SUBSECTION - ALIGNMENT L4 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 46	SHEET 4 OF 7	2
CT2852	POSO CREEK SUBSECTION - ALIGNMENT L4 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - STATE ROUTE 46	SHEET 5 OF 7	
CT2853	POSO CREEK SUBSECTION - ALIGNMENT L4 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - ROOT AVE	SHEET 6 OF 7	
CT3120	POSO CREEK SUBSECTION - ALIGNMENT L4 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 7 OF 7	

## ALIGNMENT WS1 - WASCO-SHAFTER SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0170	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 67	
CT1900	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION LAYOUT - MCCOMBS AVE	SHEET 2 OF 67	
CT1901	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION LAYOUT - MCCOMBS AVE	SHEET 3 OF 67	

## ALIGNMENT WS1 - WASCO-SHAFTER SUBSECTION CONT'D.

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART N
CT1903	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION LAYOUT - KIMBERLINA RD	SHEET 4 OF 67	1
CT1904	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION LAYOUT - MERCED AVE	SHEET 5 OF 67	
CT1905	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION LAYOUT - MERCED AVE	SHEET 6 OF 67	-
CT1906	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION LAYOUT - POPLAR AVE	SHEET 7 OF 67	-
CT1907	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION LAYOUT - POPLAR AVE	SHEET 8 OF 67	-
CT1909 CT1910	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION LAYOUT - FRESNO AVE	SHEET 9 OF 67 SHEET 10 OF 67	1
CT1910 CT1912	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION LAYOUT - FRESNO AVE  THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION LAYOUT - BURBANK ST	SHEET 11 OF 67	1
CT1913	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION LAYOUT - BURBANK ST	SHEET 12 OF 67	
CT1915	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION LAYOUT - 7TH STANDARD RD	SHEET 13 OF 67	1
CT1917	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION LAYOUT - KRATZMEYER RD	SHEET 14 OF 67	
CT1919	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION LAYOUT - RENFRO RD	SHEET 15 OF 67	1
CT1920	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION LAYOUT - RENFRO RD	SHEET 16 OF 67	
CT2900	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION PROFILE - MCCOMBS AVE	SHEET 17 OF 67	]
CT2901	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION PROFILE - MCCOMBS AVE	SHEET 18 OF 67	]
CT2902	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION PROFILE - ANNIN CONNECTOR AND MCCOMBS CONNECTOR	SHEET 19 OF 67	
CT2903	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION PROFILE - KIMBERLINA RD	SHEET 20 OF 67	
CT2904	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION PROFILE - MERCED AVE	SHEET 21 OF 67	
CT2905	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION PROFILE - MERCED AVE	SHEET 22 OF 67	
CT2906	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION PROFILE - POPLAR AVE	SHEET 23 OF 67	
CT2907	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION PROFILE - POPLAR AVE AND POPLAR CONNECTOR	SHEET 24 OF 67	-
CT2909 CT2910	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION PROFILE - FRESNO AVE	SHEET 25 OF 67 SHEET 26 OF 67	-
CT2910 CT2912	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION PROFILE - FRESNO AVE	SHEET 27 OF 67	-
CT2912	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION PROFILE - BURBANK ST  THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION PROFILE - BURBANK ST	SHEET 28 OF 67	-
CT2914	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION PROFILE - BURBANK CONNECTOR	SHEET 29 OF 67	
CT2915	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION PROFILE - 7TH STANDARD RD	SHEET 30 OF 67	
CT2917	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION PROFILE - KRATZMEYER RD	SHEET 31 OF 67	
CT2918	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION PROFILE - KRATZMEYER RD AND KRATZMEYER CONNECTOR	SHEET 32 OF 67	1
CT2919	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION PROFILE - RENFRO RD	SHEET 33 OF 67	
CT2920	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - GRADE SEPARATION PROFILE - RENFRO RD	SHEET 34 OF 67	
CR1900	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY LAYOUT - SANTA FE WAY	SHEET 35 OF 67	2
CR1901	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY LAYOUT - SANTA FE WAY	SHEET 36 OF 67	
CR1902	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY LAYOUT - SANTA FE WAY	SHEET 37 OF 67	
CR1903	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY LAYOUT - SANTA FE WAY	SHEET 38 OF 67	
CR1904	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY LAYOUT - SANTA FE WAY	SHEET 39 OF 67	-
CR1905 CR1906	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY LAYOUT - SANTA FE WAY	SHEET 40 OF 67 SHEET 41 OF 67	1
CR1900	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY LAYOUT - SANTA FE WAY  THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY LAYOUT - SANTA FE WAY	SHEET 42 OF 67	
CR1908	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY LAYOUT - SANTA FE WAY	SHEET 43 OF 67	1
CR1909	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY LAYOUT - SANTA FE WAY	SHEET 44 OF 67	
CR1910	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY LAYOUT - SANTA FE WAY	SHEET 45 OF 67	
CR1911	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY LAYOUT - SANTA FE WAY	SHEET 46 OF 67	1
CR1912	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY LAYOUT - SANTA FE WAY	SHEET 47 OF 67	
CR1913	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY LAYOUT - SANTA FE WAY	SHEET 48 OF 67	1
CR1914	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY LAYOUT - SANTA FE WAY	SHEET 49 OF 67	
CR2900	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY PROFILE - SANTA FE WAY	SHEET 50 OF 67	]
CR2901	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY PROFILE - SANTA FE WAY	SHEET 51 OF 67	
CR2902	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY PROFILE - SANTA FE WAY	SHEET 52 OF 67	
CR2903	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY PROFILE - SANTA FE WAY	SHEET 53 OF 67	
CR2904	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY PROFILE - SANTA FE WAY	SHEET 54 OF 67	_
CR2905	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY PROFILE - SANTA FE WAY	SHEET 55 OF 67	
CR2906	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY PROFILE - SANTA FE WAY	SHEET 56 OF 67	
CR2907 CR2908	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY PROFILE - SANTA FE WAY  THROUGH WASCO SHAFTER SUBSECTION - ALIGNMENT WS1 - POADWAY PROFILE - SANTA FE WAY	SHEET 57 OF 67 SHEET 58 OF 67	-
CR2908 CR2909	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY PROFILE - SANTA FE WAY  THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY PROFILE - SANTA FE WAY	SHEET 59 OF 67	1
CR2909	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY PROFILE - SANTA FE WAY  THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY PROFILE - SANTA FE WAY	SHEET 60 OF 67	1
CR2911	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY PROFILE - SANTA FE WAY  THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY PROFILE - SANTA FE WAY	SHEET 61 OF 67	1
CR2912	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY PROFILE - SANTATE WAY  THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY PROFILE - SANTATE WAY	SHEET 62 OF 67	1
CR2913	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY PROFILE - SANTA FE WAY	SHEET 63 OF 67	1
CR2914	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY PROFILE - SANTA FE WAY	SHEET 64 OF 67	1
CR2915	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY PROFILE - SANTA FE WAY	SHEET 65 OF 67	]
CT3130	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 66 OF 67	]

DESCRIPTION

RECORD SET 15% DESIGN SUBMISSION NOT FOR CONSTRUCTION

CHECKED BY
G. SCHLERETH

12/31/13

N CHARGE R. COFFIN





#### CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD

ROADWAY & GRADE SEPARATION INDEX OF SHEETS SHEET 6 OF 7

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BY CHK APP

ALIG	NMENI W32	· WASCO-SHAFTER BYPASS SUBSECT	IUN	
DRAWING No		DRAWING DESCRIPTION	SHEET No.	PART
CB0180	WASCO-SHAFTER BYPASS SUBSECTI	DN - ALIGNMENT WS2 - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 60	
CT1931	WASCO-SHAFTER BYPASS SUBSECTI	DN - ALIGNMENT WS2 - GRADE SEPARATION LAYOUT - KIMBERLINA RD	SHEET 2 OF 60	]
CT1932	WASCO-SHAFTER BYPASS SUBSECTI	DN - ALIGNMENT WS2 - GRADE SEPARATION LAYOUT - KIMBERLINA RD & POPLAR AVE	SHEET 3 OF 60	
CT1933	WASCO-SHAFTER BYPASS SUBSECTI	DN - ALIGNMENT WS2 - GRADE SEPARATION LAYOUT - POPLAR AVE	SHEET 4 OF 60	
CT1941	WASCO-SHAFTER BYPASS SUBSECTI	DN - ALIGNMENT WS2 - GRADE SEPARATION LAYOUT - SHAFTER AVE	SHEET 5 OF 60	
CT1942	WASCO-SHAFTER BYPASS SUBSECTI	DN - ALIGNMENT WS2 - GRADE SEPARATION LAYOUT - SHAFTER AVE	SHEET 6 OF 60	
CT1951	WASCO-SHAFTER BYPASS SUBSECTI	DN - ALIGNMENT WS2 - GRADE SEPARATION LAYOUT - BEECH AVE	SHEET 7 OF 60	
CT1952	WASCO-SHAFTER BYPASS SUBSECTI	ON - ALIGNMENT WS2 - GRADE SEPARATION LAYOUT - BEECH AVE & FRESNO AVE	SHEET 8 OF 60	
CT1961	WASCO-SHAFTER BYPASS SUBSECTI	DN - ALIGNMENT WS2 - GRADE SEPARATION LAYOUT - EAST LERDO HWY	SHEET 9 OF 60	
CT1962	WASCO-SHAFTER BYPASS SUBSECTI	DN - ALIGNMENT WS2 - GRADE SEPARATION LAYOUT - EAST LERDO HWY & CHERRY AVE	SHEET 10 OF 60	
CT1963	WASCO-SHAFTER BYPASS SUBSECTI	DN - ALIGNMENT WS2 - GRADE SEPARATION LAYOUT - CHERRY AVE & RIVERSIDE ST	SHEET 11 OF 60	
CT1964	WASCO-SHAFTER BYPASS SUBSECTI	DN - ALIGNMENT WS2 - GRADE SEPARATION LAYOUT - CHERRY AVE & RIVERSIDE ST	SHEET 12 OF 60	
CT1970	WASCO-SHAFTER BYPASS SUBSECTI	ON - ALIGNMENT WS2 - GRADE SEPARATION LAYOUT - 7TH STANDARD RD	SHEET 13 OF 60	
CT1971	WASCO-SHAFTER BYPASS SUBSECTI	ON - ALIGNMENT WS2 - GRADE SEPARATION LAYOUT - KRATZMEYER RD	SHEET 14 OF 60	1
CT1972	WASCO-SHAFTER BYPASS SUBSECTI	ON - ALIGNMENT WS2 - GRADE SEPARATION LAYOUT - KRATZMEYER RD	SHEET 15 OF 60	1
CT1975	WASCO-SHAFTER BYPASS SUBSECTI	ON - ALIGNMENT WS2 - GRADE SEPARATION LAYOUT - RENFRO RD	SHEET 16 OF 60	1
CT1976	WASCO-SHAFTER BYPASS SUBSECTI	ON - ALIGNMENT WS2 - GRADE SEPARATION LAYOUT - RENFRO RD	SHEET 17 OF 60	1
CT2931	WASCO-SHAFTER BYPASS SUBSECTI	DN - ALIGNMENT WS2 - GRADE SEPARATION PROFILE - KIMBERLINA RD	SHEET 18 OF 60	1
CT2932	WASCO-SHAFTER BYPASS SUBSECTI	DN - ALIGNMENT WS2 - GRADE SEPARATION PROFILE - KIMBERLINA RD	SHEET 19 OF 60	1
CT2933		DN - ALIGNMENT WS2 - GRADE SEPARATION PROFILE - POPLAR AVE	SHEET 20 OF 60	
CT2934		DN - ALIGNMENT WS2 - GRADE SEPARATION PROFILE - POPLAR AVE	SHEET 21 OF 60	1
CT2935		DN - ALIGNMENT WS2 - GRADE SEPARATION PROFILE - POPLAR AVE	SHEET 22 OF 60	1
CT2941		DN - ALIGNMENT WS2 - GRADE SEPARATION PROFILE - SHAFTER AVE	SHEET 23 OF 60	1
CT2942		DN - ALIGNMENT WS2 - GRADE SEPARATION PROFILE - SHAFTER AVE	SHEET 24 OF 60	1
CT2951		DN - ALIGNMENT WS2 - GRADE SEPARATION PROFILE - BEECH AVE	SHEET 25 OF 60	1
CT2952		DN - ALIGNMENT WS2 - GRADE SEPARATION PROFILE - BEECH AVE	SHEET 26 OF 60	1
CT2953		DN - ALIGNMENT WS2 - GRADE SEPARATION PROFILE - FRESNO AVE	SHEET 27 OF 60	1
CT2961		DN - ALIGNMENT W32 - GRADE SEPARATION PROFILE - EAST LERDO HWY	SHEET 28 OF 60	1
CT2962		DN - ALIGNMENT W32 - GRADE SEPARATION PROFILE - EAST LERDO HWY	SHEET 29 OF 60	1
CT2963		DN - ALIGNMENT W32 - GRADE SEPARATION PROFILE - CHERRY AVE	SHEET 30 OF 60	1 :
CT2964		DN - ALIGNMENT W32 - GRADE SEPARATION PROFILE - CHERRY AVE	SHEET 31 OF 60	1 '
CT2965		DN - ALIGNMENT WS2 - GRADE SEPARATION PROFILE - RIVERSIDE ST	SHEET 32 OF 60	1
CT2966		DN - ALIGNMENT W32 - GRADE SEPARATION PROFILE - RIVERSIDE ST	SHEET 33 OF 60	1
CT2967		DN - ALIGNMENT W32 - GRADE SEPARATION PROFILE - RIVERSIDE ST	SHEET 34 OF 60	1
CT2970		DN - ALIGNMENT W32 - GRADE SEPARATION PROFILE - TH STANDARD RD	SHEET 35 OF 60	1
CT2971		DN - ALIGNMENT W32 - GRADE SEPARATION PROFILE - VITISTANDARD RD	SHEET 36 OF 60	1
CT2972		DN - ALIGNMENT W32 - GRADE SEPARATION PROFILE - KRATZMEYER RD	SHEET 37 OF 60	1
CT2973		DN - ALIGNMENT WS2 - GRADE SEPARATION PROFILE - KRATZMEYER CONNECTOR AND NORIEGA ROAD	SHEET 38 OF 60	1
CT2977		DN - ALIGNMENT WS2 - GRADE SEPARATION PROFILE - RENFRO RD	SHEET 39 OF 60	1
CT2978		DN - ALIGNMENT W32 - GRADE SEPARATION PROFILE - RENFRO RD	SHEET 40 OF 60	1
CR1984		DN - ALIGNMENT WS2 - GRADE SEPARATION PROFILE - RENAMED AVE	SHEET 41 OF 60	
CR1985		DN - ALIGNMENT W32 - ROADWAY LAYOUT - SANTA FE WAY	SHEET 42 OF 60	
CR1986			SHEET 43 OF 60	-
CR1987		DN - ALIGNMENT WS2 - ROADWAY LAYOUT - SANTA FE WAY DN - ALIGNMENT WS2 - ROADWAY LAYOUT - SANTA FE WAY	SHEET 44 OF 60	1
CR1988		DN - ALIGNMENT WSZ - ROADWAY LAYOUT - SANTA FE WAY  DN - ALIGNMENT WSZ - ROADWAY LAYOUT - SANTA FE WAY	SHEET 45 OF 60	1
CR1989			SHEET 46 OF 60	1
CR1999		DN - ALIGNMENT WS2 - ROADWAY LAYOUT - SANTA FE WAY DN - ALIGNMENT WS2 - ROADWAY LAYOUT - SANTA FE WAY	SHEET 47 OF 60	1
CR1991		DN - ALIGNMENT WS2 - ROADWAY LAYOUT - SANTA FE WAY  DN - ALIGNMENT WS2 - ROADWAY LAYOUT - SANTA FE WAY & RENFRO RD	SHEET 48 OF 60	1
CR2984			SHEET 49 OF 60	1
CR2985		DN - ALIGNMENT WS2 - ROADWAY PROFILE - MANNEL AVE & MERCED AVE		1
CR2985		DN - ALIGNMENT WS2 - ROADWAY PROFILE - SANTA FE WAY	SHEET 50 OF 60 SHEET 51 OF 60	1
		DN - ALIGNMENT WS2 - ROADWAY PROFILE - SANTA FE WAY	_	1
CR2987		DN - ALIGNMENT WS2 - ROADWAY PROFILE - SANTA FE WAY	SHEET 52 OF 60	1
CR2988		DN - ALIGNMENT WS2 - ROADWAY PROFILE - SANTA FE WAY	SHEET 53 OF 60	-
CR2989		DN - ALIGNMENT WS2 - ROADWAY PROFILE - SANTA FE WAY	SHEET 54 OF 60	-
CR2990		DN - ALIGNMENT WS2 - ROADWAY PROFILE - SANTA FE WAY	SHEET 55 OF 60	-
CR2991		DN - ALIGNMENT WS2 - ROADWAY PROFILE - SANTA FE WAY	SHEET 56 OF 60	-
CR2992		DN - ALIGNMENT WS2 - ROADWAY PROFILE - SANTA FE WAY	SHEET 57 OF 60	1
CT3140		DN - ALIGNMENT WS2 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 58 OF 60	1
CT3141	WASCO-SHAFTER BYPASS SUBSECTI	DN - ALIGNMENT WS2 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 59 OF 60	-
CT3142	WASCO-SHAFTER BYPASS SUBSECTI	DN - ALIGNMENT WS2 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 60 OF 60	1

## ALIGNMENT B1 - BAKERSFIELD URBAN SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0190	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 17	
CT1980	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - GRADE SEPARATION LAYOUT - ROSEDALE HWY/ STATE ROUTE 58	SHEET 2 OF 17	
CT1981	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - GRADE SEPARATION LAYOUT - ROSEDALE HWY/ STATE ROUTE 58	SHEET 3 OF 17	
CT2980	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - ROSEDALE HWY/ STATE ROUTE 58	SHEET 4 OF 17	
CT2981	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - ROSEDALE HWY/STATE ROUTE 58	SHEET 5 OF 17	]
CT2982	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - LONE OAK RD AND JEWETTA RD	SHEET 6 OF 17	
CR1949	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - ROADWAY LAYOUT - SANTA FE WAY	SHEET 7 OF 17	
CR1950	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - ROADWAY LAYOUT - ENGER ST	SHEET 8 OF 17	2
CR1951	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - ROADWAY LAYOUT - VERDUGO LN	SHEET 9 OF 17	
CR1952	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - ROADWAY LAYOUT - SLIKKER DR	SHEET 10 OF 17	
CR1953	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - ROADWAY LAYOUT - N-ST PEDESTRIAN BRIDGE	SHEET 11 OF 17	
CR1954	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - ROADWAY LAYOUT - EAST BAKERSFIELD DETAIL	SHEET 12 OF 17	
CR2949	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - ROADWAY PROFILE - SANTA FE WAY	SHEET 13 OF 17	
CR2950	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - ROADWAY PROFILE - ENGER ST AND VERDUGO LN	SHEET 14 OF 17	
CR2952	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - ROADWAY PROFILE - SLIKKER DR	SHEET 15 OF 17	
CT3170	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 16 OF 17	
CT3171	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 17 OF 17	

## ALIGNMENT B2 - BAKERSFIELD URBAN SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0200	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 23	
CT1982	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - GRADE SEPARATION LAYOUT - ROSEDALE HWY/STATE ROUTE 58	SHEET 2 OF 23	
CT1983	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - GRADE SEPARATION LAYOUT - ROSEDALE HWY/STATE ROUTE 58	SHEET 3 OF 23	1
CT2982	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - ROSEDALE HWY/ STATE ROUTE 58	SHEET 4 OF 23	1
CT2983	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - ROSEDALE HWY/ STATE ROUTE 58	SHEET 5 OF 23	
CT2984	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - LONE OAK DR AND JEWETTA AVE	SHEET 6 OF 23	
CR1959	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - ROADWAY LAYOUT - SANTA FE WAY	SHEET 7 OF 23	
CR1960	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - ROADWAY LAYOUT - ENGER ST	SHEET 8 OF 23	
CR1961	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - ROADWAY LAYOUT - N ST PEDESTRIAN BRIDGE	SHEET 9 OF 23	
CR1962	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - ROADWAY LAYOUT - EAST CALIFORNIA AVE	SHEET 10 OF 23	
CR1963	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - ROADWAY LAYOUT - VERDUGO LN	SHEET 11 OF 23	2
CR1964	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - ROADWAY LAYOUT - SLIKKER DR / ART ST / SHELLABARGER RD	SHEET 12 OF 23	]
CR1966	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - ROADWAY LAYOUT - BRIMHALL RD / WESTSIDE PKY / COFFEE RD OFF RAMP	SHEET 13 OF 23	
CR1967	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - ROADWAY LAYOUT - WESTSIDE PKY / COFFEE RD OFF RAMP	SHEET 14 OF 23	
CR2959	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - ROADWAY PROFILE - SANTA FE WAY	SHEET 15 OF 23	
CR2960	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - ROADWAY PROFILE - ENGER ST AND VERDUGO LN	SHEET 16 OF 23	
CR2962	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - ROADWAY PROFILE - EAST CALIFORNIA AVE	SHEET 17 OF 23	
CR2964	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - ROADWAY PROFILE - SLIKKER DR / ART ST / SHELLABARGER RD	SHEET 18 OF 23	
CR2966	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - ROADWAY PROFILE - BRIMHALL RD	SHEET 19 OF 23	
CR2967	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - ROADWAY PROFILE - WESTSIDE PKY / COFFEE RD OFF RAMP	SHEET 20 OF 23	
CT3160	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 21 OF 23	
CT3165	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 22 OF 23	
CT3180	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTIONS	SHEET 23 OF 23	

## ALIGNMENT B3 - BAKERSFIELD URBAN SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0240	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - ROADWAY/GRADE SEPARATION - KEY MAP	SHEET 1 OF 19	
CT1990	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - GRADE SEPARATION LAYOUT - ROSEDALE HWY/ STATE ROUTE 58	SHEET 2 OF 19	
CT1991	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - GRADE SEPARATION LAYOUT - ROSEDALE HWY/ STATE ROUTE 58	SHEET 3 OF 19	
CT2990	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - ROSEDALE HWY/ STATE ROUTE 58	SHEET 4 OF 19	
CT2991	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - GRADE SEP PROFILE & SUPERELEVATION DIAGRAM - ROSEDALE HWY/ STATE ROUTE 58	SHEET 5 OF 19	
CT2992	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - GRADE SEPARATION PROFILE - LONE OAK ROAD AND JEWETTA RD	SHEET 6 OF 19	
CR1970	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - ROADWAY LAYOUT - SANTA FE WAY	SHEET 7 OF 19	
CR1971	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - ROADWAY LAYOUT - ENGER ST	SHEET 8 OF 19	
CR1972	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - ROADWAY LAYOUT - VERDUGO LN	SHEET 9 OF 19	2
CR1974	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - ROADWAY LAYOUT - SLIKKER DR / ART ST / SHELLABARGER RD	SHEET 10 OF 19	] 2
CR1976	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - ROADWAY LAYOUT - BRIMHALL RD / WESTSIDE PKY / COFFEE RD OFF RAMP	SHEET 11 OF 19	
CR1977	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - ROADWAY LAYOUT - BRIMHALL RD / WESTSIDE PKY / COFFEE RD OFF RAMP	SHEET 12 OF 19	
CR2970	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - ROADWAY PROFILE - SANTA FE WAY	SHEET 13 OF 19	
CR2971	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - ROADWAY PROFILE - ENGER AND VERDUGO LN	SHEET 14 OF 19	
CR2974	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - ROADWAY PROFILE - SLIKKER DR / ART ST / SHELLABARGER RD	SHEET 15 OF 19	
CR2976	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - ROADWAY PROFILE - BRIMHALL RD	SHEET 16 OF 19	
CR2967	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - ROADWAY PROFILE - WESTSIDE PKY/ COFFEE RD OFF RAMP	SHEET 17 OF 19	
CT3190	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTION	SHEET 18 OF 19	
CT3165	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - ROADWAY/GRADE SEPARATION - TYPICAL CROSS SECTION	SHEET 19 OF 19	

						DESIGNED BY E. SUDHAUSEN
						DRAWN BY P. LEES
						CHECKED BY A. BRUNDAGE
						IN CHARGE
						R. COFFIN
REV	DATE	ВΥ	СНК	APP	DESCRIPTION	12/31/13

RECORD SET 15% DESIGN SUBMISSION NOT FOR

CONSTRUCTION



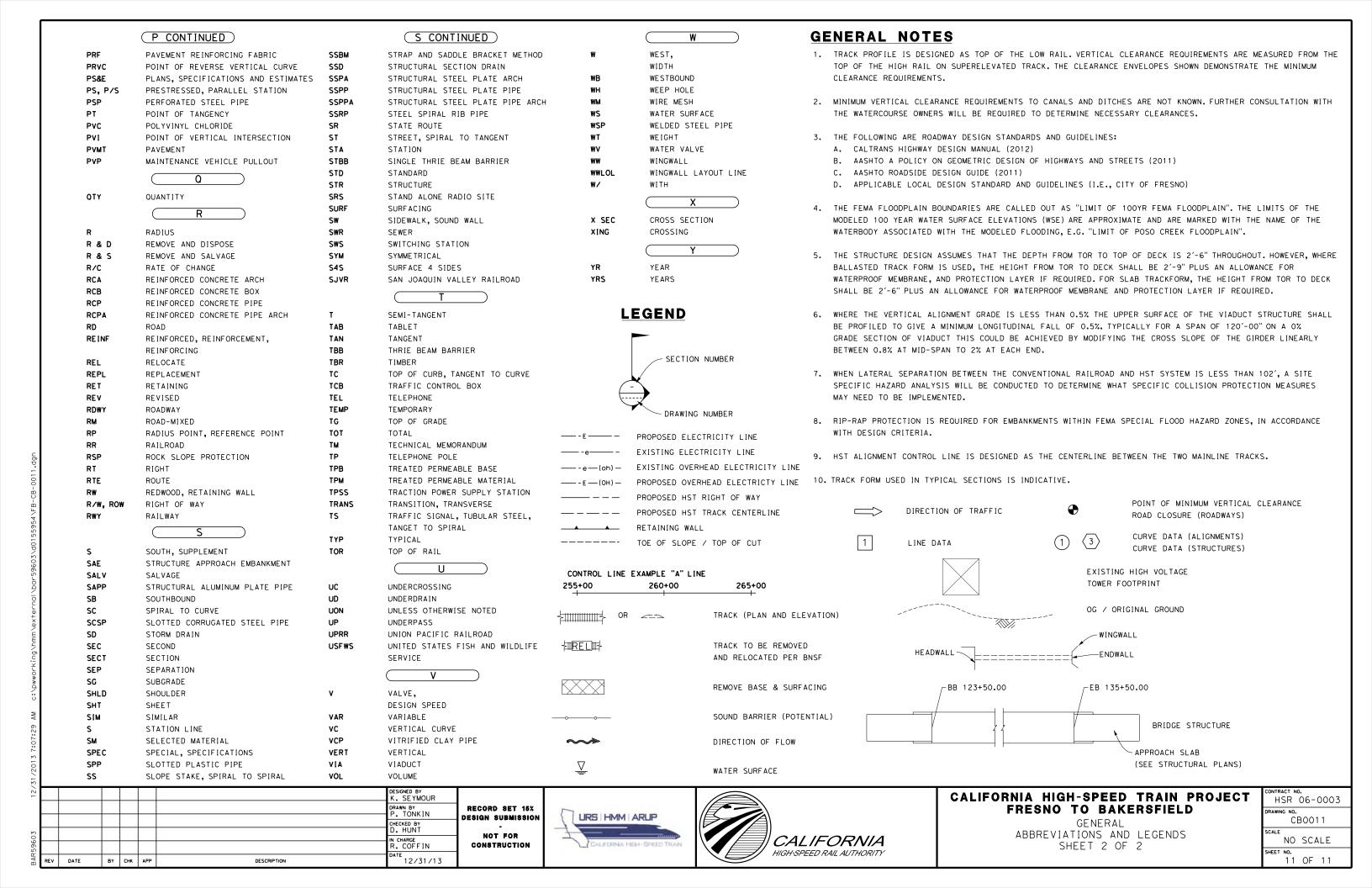


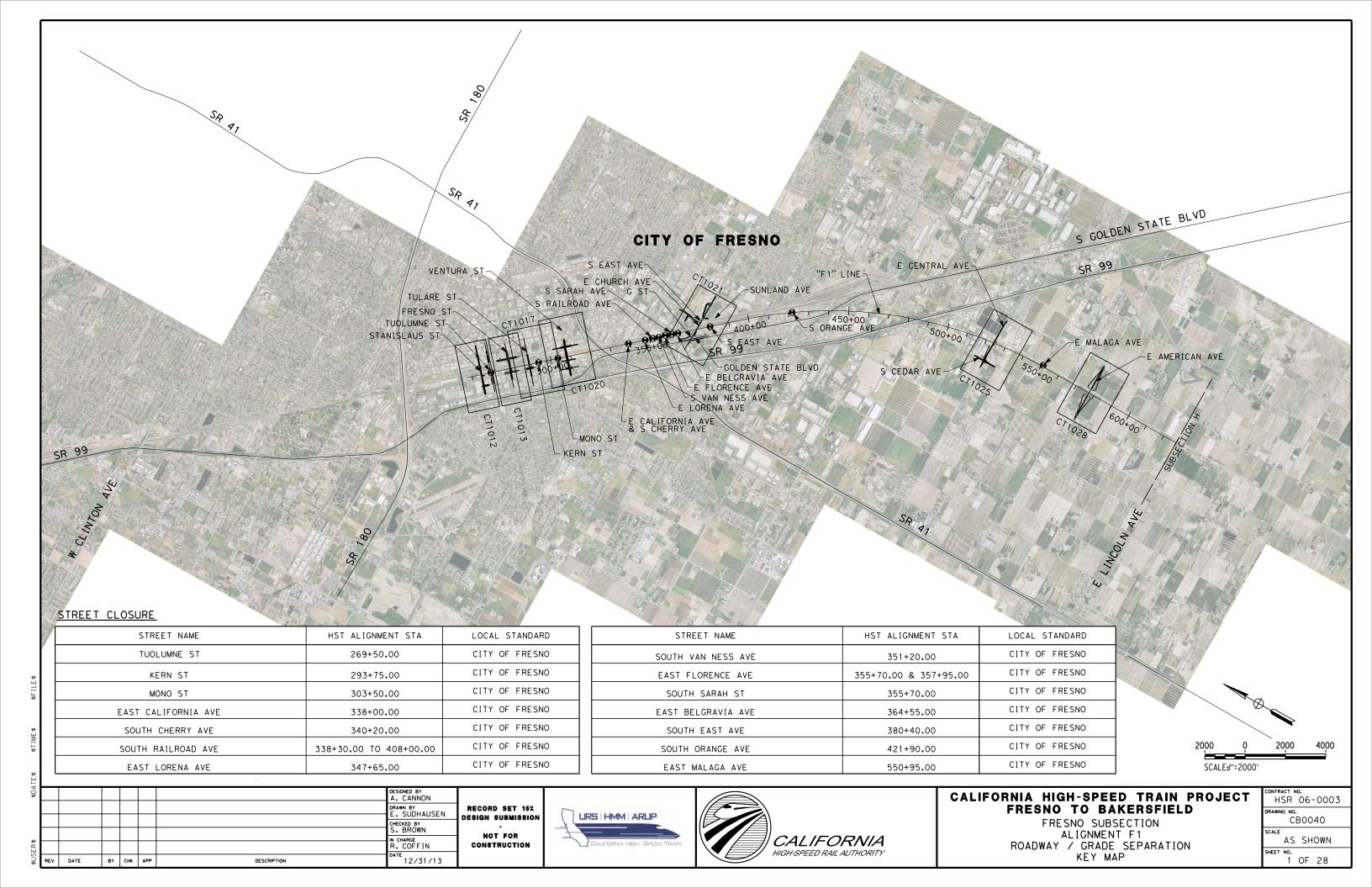
#### CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD

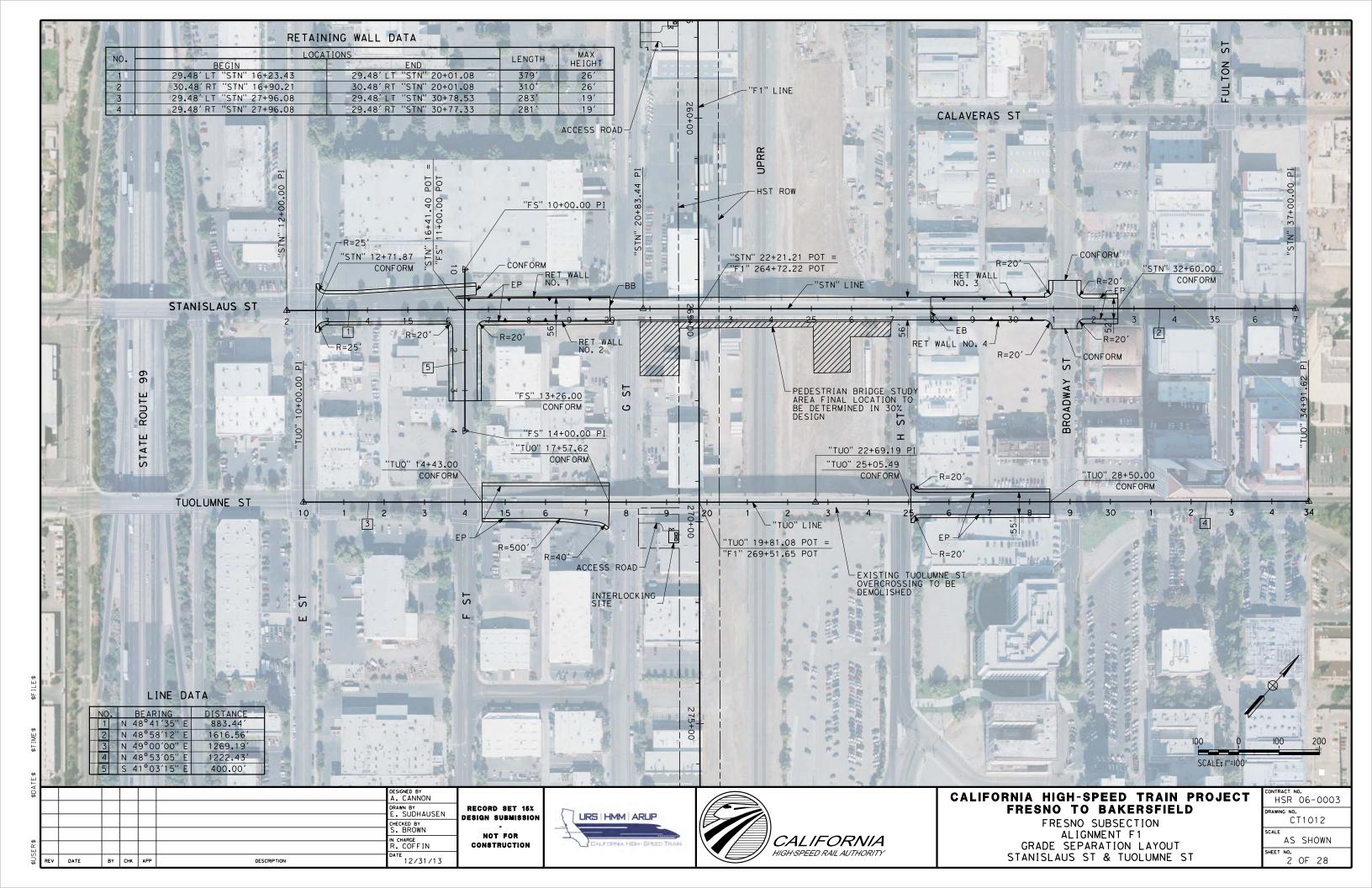
ROADWAY & GRADE SEPARATION INDEX OF SHEETS SHEET 7 OF 7

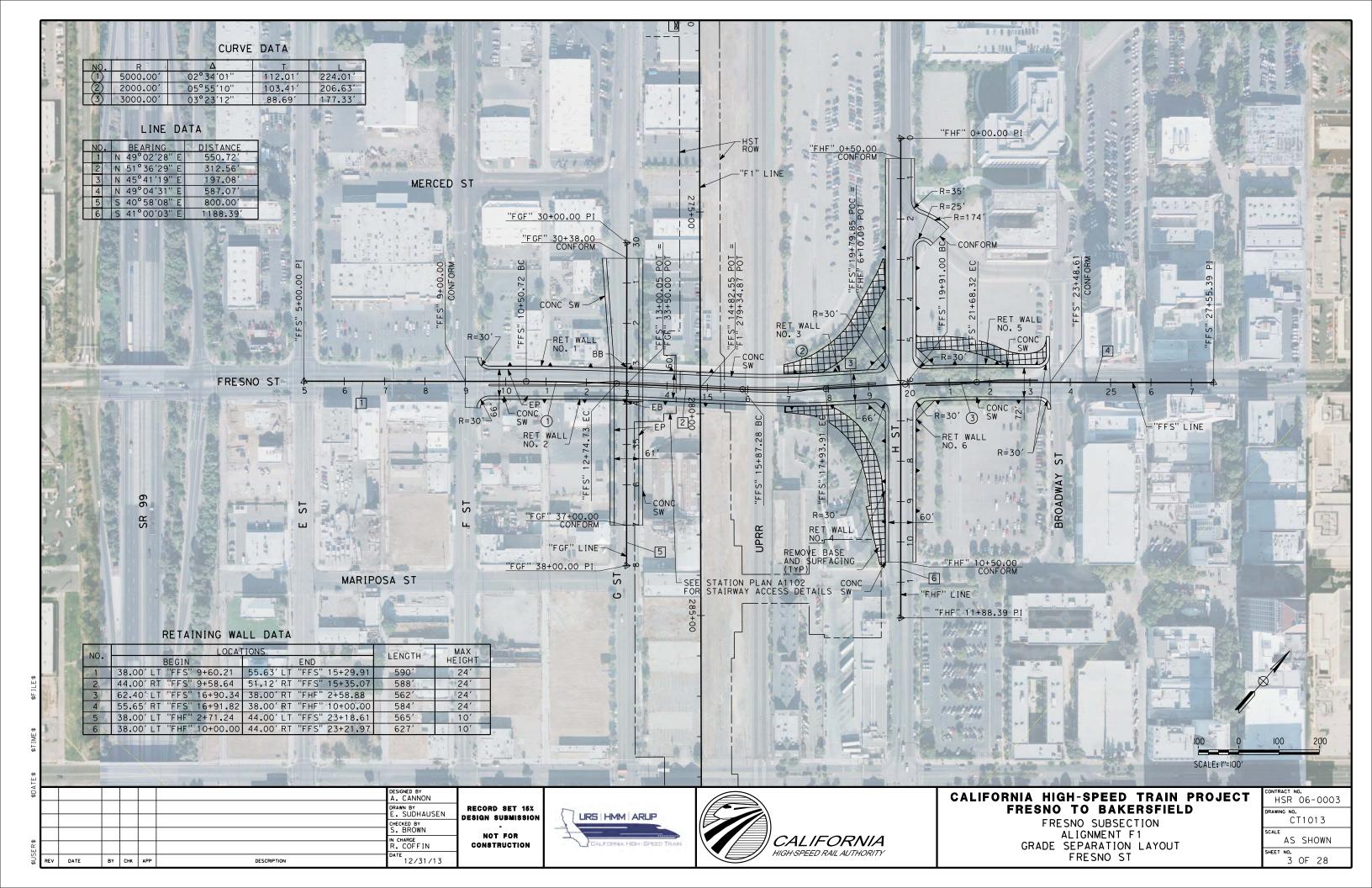
HSR 06-0003 CB1009 NO SCALE SHEET NO. 9 OF 11

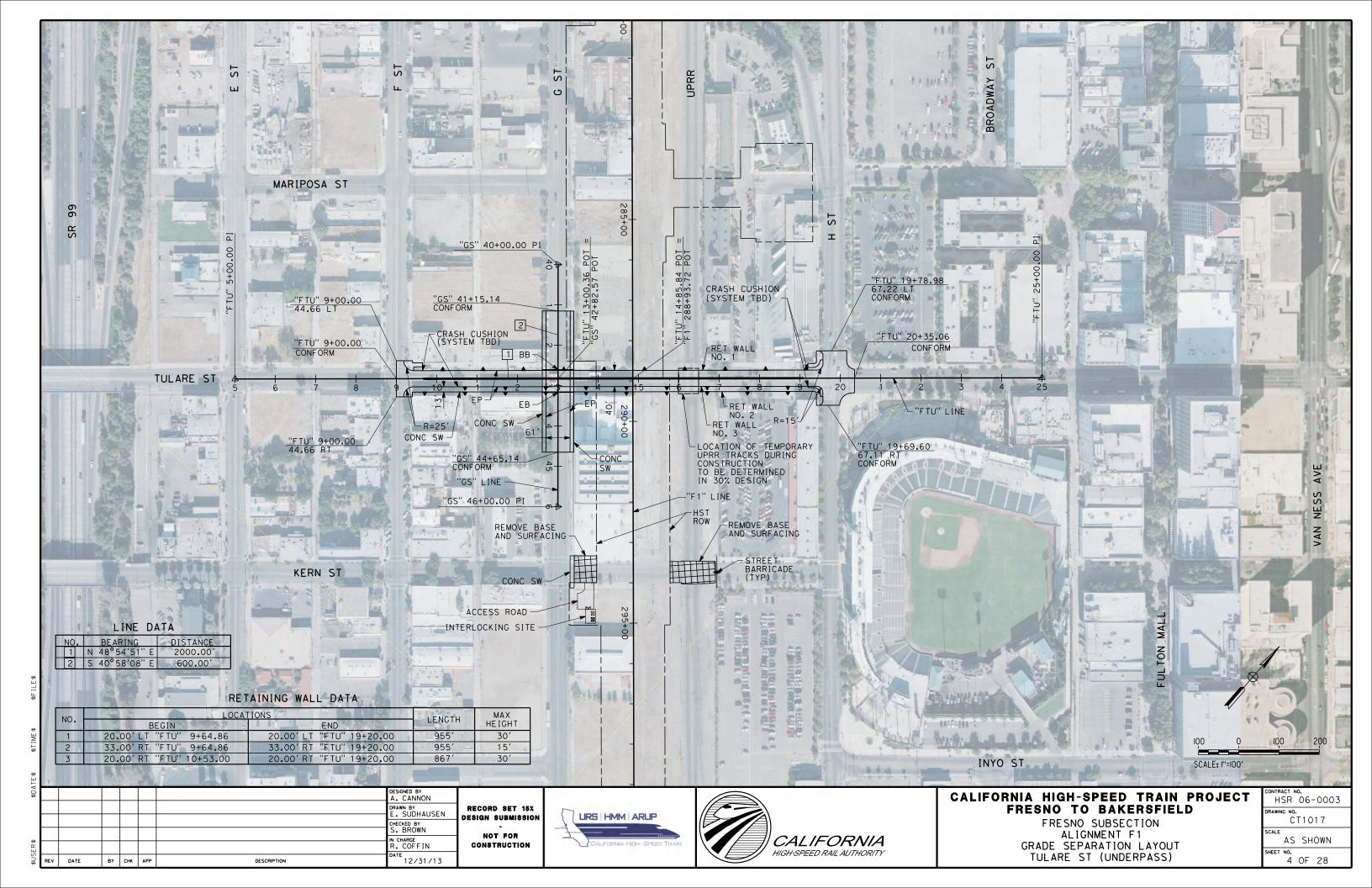
	( A )		(C CONTINUED)		(E CONTINUED)		( H )		(M CONTINUED)
AB	AGGREGATE BASE	CHSRA	CALIFORNIA HIGH SPEED RAIL	EASE	EASEMENT	н	HEIGHT	MOD	MODIFIED. MODIFY
ABBC	ASBESTOS BONDED BITUMINOUS COATED	05	AUTHORITY	EB	END OF BRIDGE, EASTBOUND	HR	HOUR	MON	MONUMENT
ABM	AIR-BLOWN MORTAR	CHST	CALIFORNIA HIGH SPEED TRAIN	EC	END HORIZONTAL CURVE	HD	HORIZONTAL DRAIN	MP	METAL PLATE
ABN	ABANDON	CHSR	CALIFORNIA HIGH SPEED RAIL	ECR	END CURB RETURN	HDWL	HEADWALL	MPGR	METAL PLATE GUARD RAILING
ABUT	ABUTMENT	CG	CENTER OF GRAVITY	ED	EDGE DRAIN	HEX HD	HEXAGONAL HEAD	MPH	MILES PER HOUR
AC AC	ASPHALT CONCRETE	CHNL	CHANNEL	EDC	EDGE DRAIN CLEANOUT	HMA	HOT MIXED ASPHALT	MR	MOVEMENT RATING
ACB	ASPHALT CONCRETE BASE	CI	CAST IRON	EDO	EDGE DRAIN OUTLET	HORIZ	HORIZONTAL	MSE	MECHANICALLY STABILIZED EARTH
ACP	ASBESTOS CEMENT PIPE	CIDH	CAST-IN-DRILLED-HOLE	EDV	EDGE DRAIN VENT	HP	HINGE POINT, HORSEPOWER	MTL	MATERIAL
ACF	ADDED DEAD LOAD	CIP,C-I-P		ELEC	ELECTROLIER	HPS	HIGH PERFORMANCE STEEL	MSS	MOVING SCAFFOLDING SYSTEM
ADL		CIPCP	CAST IN PLACE CONCRETE PIPE	ELECT	ELECTRIC	HS	HIGH STRENGTH	M33	MOVING SCAFFOLDING STSTEM
	ADJUST		CAST-IN-STEEL-SHELL	ELEV	ELEVATION	HST	HIGH SPEED TRAIN		N
AFES	ALTERNATIVE FLARED END SECTION	CISS		EMB		HSR	HIGH SPEED RAIL		NORTH NORTHING
AHD	AHEAD	CJP	COMPLETE JOINT PENETRATION		EMBANKMENT			N	NORTH, NORTHING
ALT	ALTERNATE	CL	CENTERLINE, CLASS	ENGR	ENGINEER	HW	HEADWALL, HIGH WATER	NB	NORTHBOUND
AM	TIME FROM MIDNIGHT TO NOON	CL2	CLASS 2	EOD	EDGE OF DECK	HWM	HIGH WATER MARK	NO.	NUMBER (MUST HAVE PERIOD)
AP	ALTERNATIVE PIPE	CL-6	CHAIN LINK FENCE (6 FT)	EP	EDGE OF PAVEMENT	HWY	HIGHWAY	NOS.	NUMBERS (MUST HAVE PERIOD)
APC	ALTERNATIVE PIPE CULVERT	CLR	CLEAR, CLEARANCE	EO	EQUATION, EQUAL			NPS	NOMINAL PIPE SIZE
APPROX		СМ	CORRUGATED METAL	ES	EDGE OF SHOULDER			NS	NEAR SIDE
APU	ALTERNATIVE PIPE UNDERDRAIN	CMP	CORRUGATED METAL PIPE	ETW	EDGE OF TRAVELED WAY	IB	IMPORTED BORROW	NTS	NOT TO SCALE
ARS	ACCELERATION RESPONSE SPECTRUM	со	COUNTY	EVC	END VERTICAL CURVE	ID	INSIDE DIAMETER	N/A	NOT APPLICABLE
AR	ACCESS RESTRICTION	COL	COLUMN	EW	ENDWALL	[F	INSIDE FACE		0
AS	AGGREGATE SUBBASE	CONC	CONCRETE	EXC	EXCAVATION	IN	INCH, INCHES		
ASRP	ALUMINUM SPIRAL RIB PIPE	COND	CONDUIT	EXIST, EX	• EXISTING	INT	INTERIOR	OBLR	OBLITERATE
ASSY	ASSEMBLY	CONN	CONNECTOR	EXP	EXPANSION	INV	INVERT	ОС	OVERCROSSING
ATPB	ASPHALT TREATED PERMEABLE BASE	CONST	CONSTRUCT, CONSTRUCTION	EXP JT	EXPANSION JOINT	IRR	IRRIGATION	ocs	OVERHEAD CONTACT SYSTEM
ATPM	ASPHALT TREATED PERMEABLE MATERIAL	CONT	CONTINUOUS	EXWY	EXPRESSWAY			OD	OUTSIDE DIAMETER
AVE	AVENUE	COORD	COORDINATE	EXT	EXTERIOR			OF	OUTSIDE FACE
AVG	AVERAGE	CP	CLEARANCE POINT			JCT	JUNCTION	OG	ORIGINAL GROUND
Q.	AT	CR	CREEK		F	JP	JOINT POLE	OGAC	OPEN GRADED ASPHALT CONCRETE
	( B	CRCP	CONTINUOUS REINFORCED CONCRETE PAVEMENT	F & C	FRAME AND COVER	JPCP	JOINTED PLAIN CONCRETE PAVEMENT	ОН	OVERHEAD
	В	CRSP	CONCRETED ROCK SLOPE PROTECTION	F & G	FRAME AND GRATE	JS	JUNCTION STRUCTURE	0-0	OUT TO OUT
BAGR	BRIDGE APPROACH GUARD RAILING	cs	CURVE TO SPIRAL	FB	FLOOR BEAM	JT	JOINT	OPP	OPPOSITE
ВВ	BEGINNING OF BRIDGE	CSP	CORRUGATED STEEL PIPE	F-B	FRESNO TO BAKERSFIELD		( V		
ВС	BEGIN HORIZONTAL CURVE	CSPA	CORRUGATED STEEL PIPE ARCH	FDN	FOUNDATION		(K)		Р
ВСС	BALANCED CANTILEVER CONSTRUCTION	СТВ	CEMENT TREATED BASE	FEBT	FACING EASTBOUND TRAFFIC	К	DISTANCE TO ACHIEVE 1% GRADE CHANGE	Р	PAGE
BCR	BEGIN CURB RETURN	СТРВ	CEMENT TREATED PERMEABLE BASE	FES	FLARED END SECTION			PAP	PERFORATED ALUMINUM PIPE
BEG	BEGIN	СТРМ	CEMENT TREATED PERMEABLE MATERIAL	FF	FILTER FABRIC			PB	PULL BOX
	D BITUMINOUS COATED	CTRS	CENTERS	FG	FINISHED GRADE	1	LENGTH	PC	POINT OF CURVATURE, PRECAST
ВК	BACK	CVFPB	CENTRAL VALLEY FLOOD PROTECTION BOARD	FH	FIRE HYDRANT	LAT	LATITUDE	PCC	POINT OF COMPOUND CURVE.
BKF	BACKFILL	CULV	CULVERT	FIG	FIGURE	LCB	LEAN CONCRETE BASE	1 00	PORTLAND CEMENT CONCRETE
BLDG	BUILDING	COL V	CENTERLINE	FL	FLOW LINE	LN	LANE	PCP	PERFORATED CONCRETE PIPE.
		VE.	CENTERLINE	FNBT	FACING NORTHBOUND TRAFFIC	LOC	LOCATION	FCF	PRESTRESSED CONCRETE PIPE
BLM	BRIDGE-LOG MILE			FOC	FACE OF CONCRETE	LOL	LAYOUT LINE	PCVC	POINT OF COMPOUND VERTICAL CURVE
BLVD	BOULE VARD	В	DEPTH	FR RD		LONG	LONGITUDE	PED	PEDESTRIAN
ВМ	BENCH MARK	D	DOWNDRAIN. DIRECTIVE DRILLING		FRONTAGE ROAD				PEDESTRIAN PEDESTRIAN OVERCROSSING
BND	BOUND	DD	,	FS FSBT	FAR SIDE, FINISHED SURFACE FACING SOUTHBOUND TRAFFIC	LONGIT	LONGITUDINAL LENGTH OF SPIRAL	PED OC	
BNSF	BURLINGTON NORTH & SANTA FE	DBL	DOUBLE			LS		PED UC	PEDESTRIAN UNDERCROSSING
ВОТ	BOTTOM	DEG	DEGREE DELINEATOR	FT	FOOTING	LC	LENGTH OF CURVE	PERM MTL	PERMEABLE MATERIAL
BR	BRIDGE	DEL	DELINEATOR DETAIL DETOUR	FTG	FOOTING	LT	LEFT	PG	PROFILE GRADE
BRG	BEARING	DET	DETAIL, DETOUR	FWBT	FACING WESTBOUND TRAFFIC		M	PI B IB	POINT OF INTERSECTION
BTU	BRITISH THERMAL UNIT	DF	DOUGLAS FIR	FWY	FREEWAY	gen lait	MAINTENANCE	PJP B Di	PARTIAL JOINT PENETRATION
BVC	BEGIN VERTICAL CURVE	DI	DRAINAGE INLET, DROP INLET	FPLM	FULL SPAN PRECAST	MAINT	MAINTENANCE	₽,PL	PLATE PROPERTY LINE
BW	BARBED WIRE	DIA	DIAMETER		LAUNCHING METHOD	MAX	MAXIMUM	P/L	PROPERTY LINE
	C	DIAPH	DIAPHRAGM		G	MB	METAL BEAM	PM	POST MILE, TIME FROM NOON TO MIDNIGHT
1		DIST	DISTANCE, DISTRICT			MBB	METAL BEAM BARRIER	PN	PAVING NOTCH
CAA	CABLE ANCHOR ASSEMBLY	DMBB	DOUBLE METAL BEAM BARRIER	G	ACCELERATION DUE TO GRAVITY	MBGR	METAL BEAM GUARD RAILING	POB	POINT OF BEGINNING
CAP	CORRUGATED ALUMINUM PIPE	DR	DRIVE	GA	GAGE	MED	MEDIAN	POC	POINT OF HORIZONTAL CURVE
CAPA	CORRUGATED ALUMINUM PIPE ARCH	DTBB	DOUBLE THRIE BEAM BARRIER	GALV	GALVANIZED	M-F	MERCED TO FRESNO	POE	POINT OF ENDING
CAS	CONSTRUCTION AREA SIGN	DWY	DRIVEWAY	GP	GRADING PLANE	MH	MANHOLE	POT	POINT OF TANGENT
СВ	CONCRETE BARRIER		F	GR	GUARD RAILING	MIN	MINIMUM	POVC	POINT OF VERTICAL CURVE
CBW	CONCRETE BLOCK WALL			GSP	GALVANIZED STEEL PIPE	MISC	MISCELLANEOUS	PP	PIPE PILE, PLASTIC PIPE, POWER POLE
c-c	CENTER TO CENTER	E	EAST, EASTING	GTR	GUTTER		MISCELLANEOUS IRON AND STEEL	PPL	PREFORMED PERMEABLE LINER
1		EA	ACTUAL SUPERELEVATION			MKR	MARKER	PPP	PERFORATED PLASTIC PIPE
		EU	UNBALANCED SUPERELEVATION			M/L	MAIN LINE (RAILWAY)	PRC	POINT OF REVERSE CURVE
<del>                                     </del>			DESIGNED BY				T		CONTRACT NO.
			K. SEYMOUR						D TRAIN PROJECT   HSR 06-0003
			P. TONKIN  P. TONKIN  P. TONKIN  DESIGN SUBMISSION	URS HMM	ARIP IE		FRES	NO TO BAI	
			CHECKED BY				1	GENERA	
			D. HUNT IN CHARGE NOT FOR			ALIFOR	A//A   ABBR	EVIATIONS AN	
			R. COFFIN CONSTRUCTION	CALIFORNIA HI	GH-SPEED TRAIN	GH-SPEED RAIL AUTI	VV//I	SHEET 1 C	OF 2
REV DATE BY	CHK APP DESCRIPTION		DATE 12/31/13		HIG.	OU STEED MAIL AUII	TONT		10 OF 11
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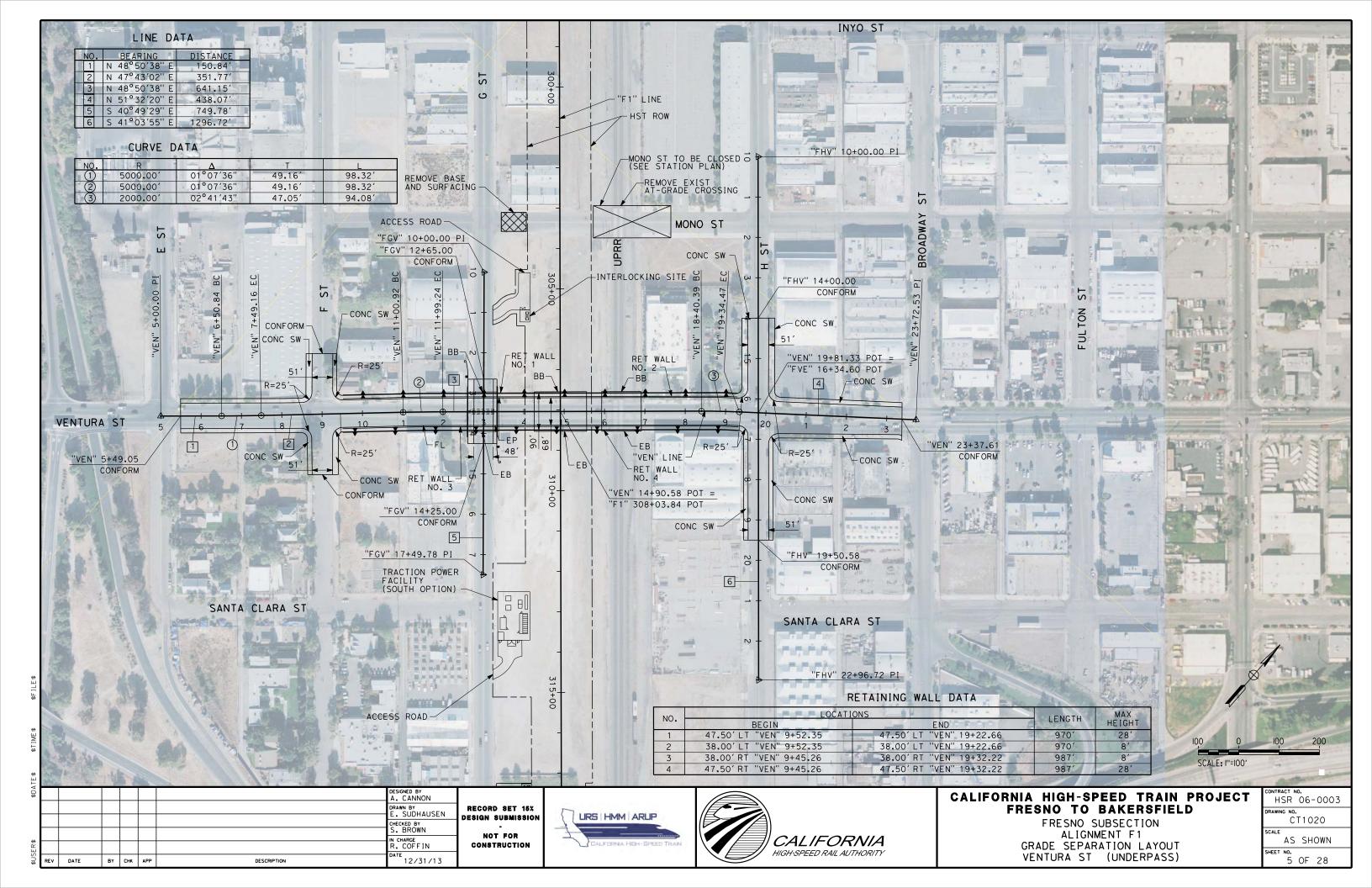


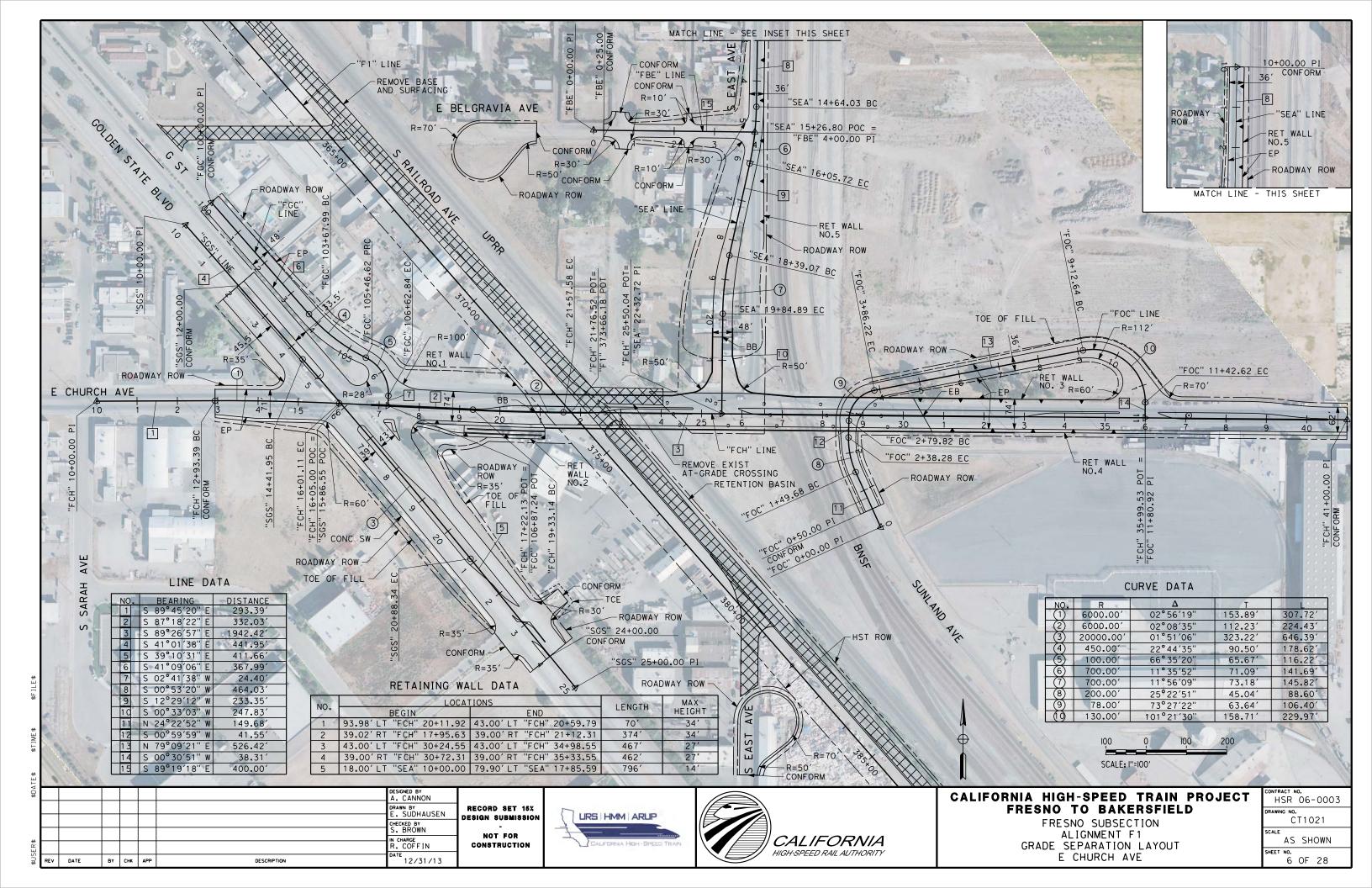


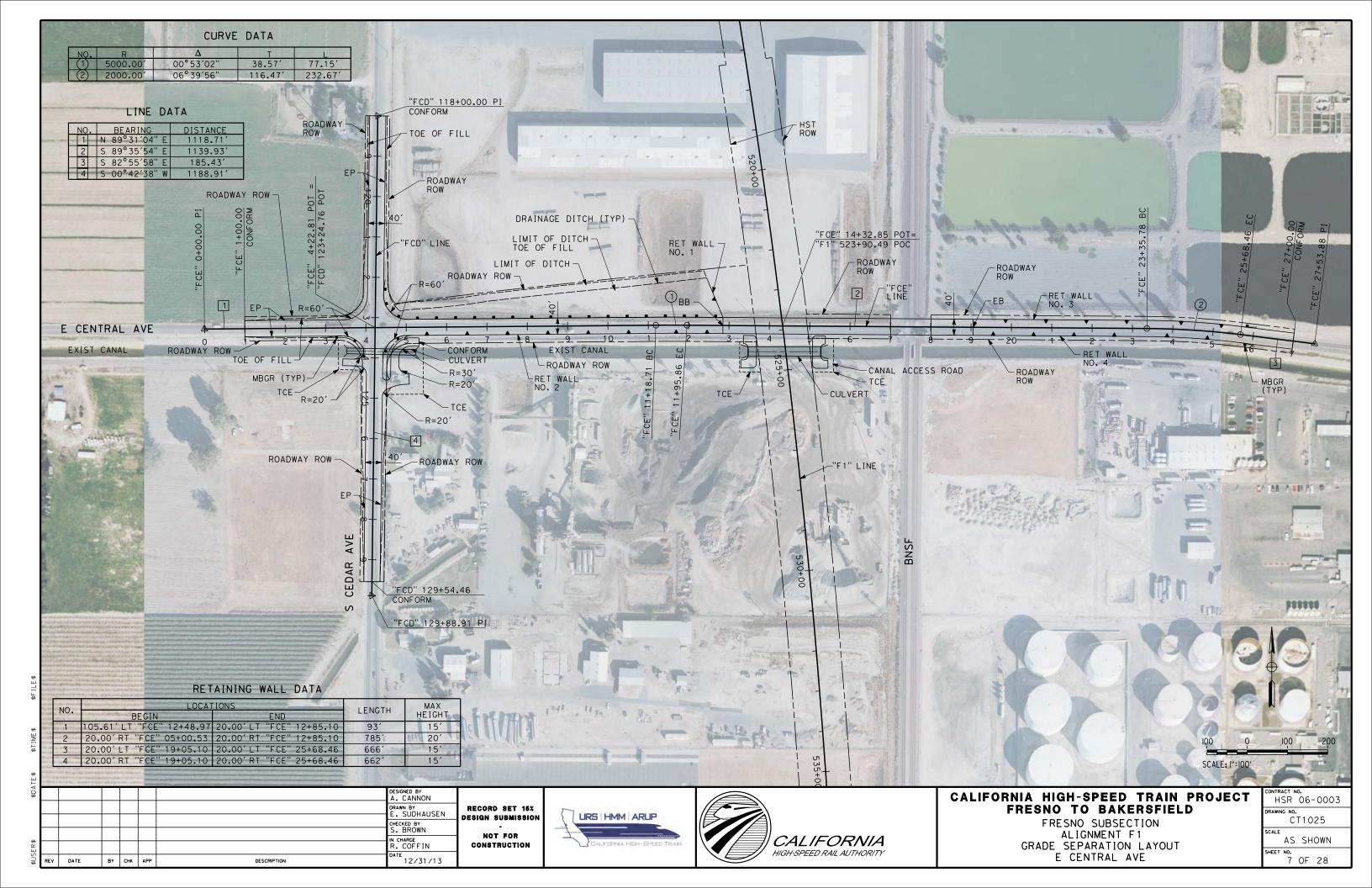


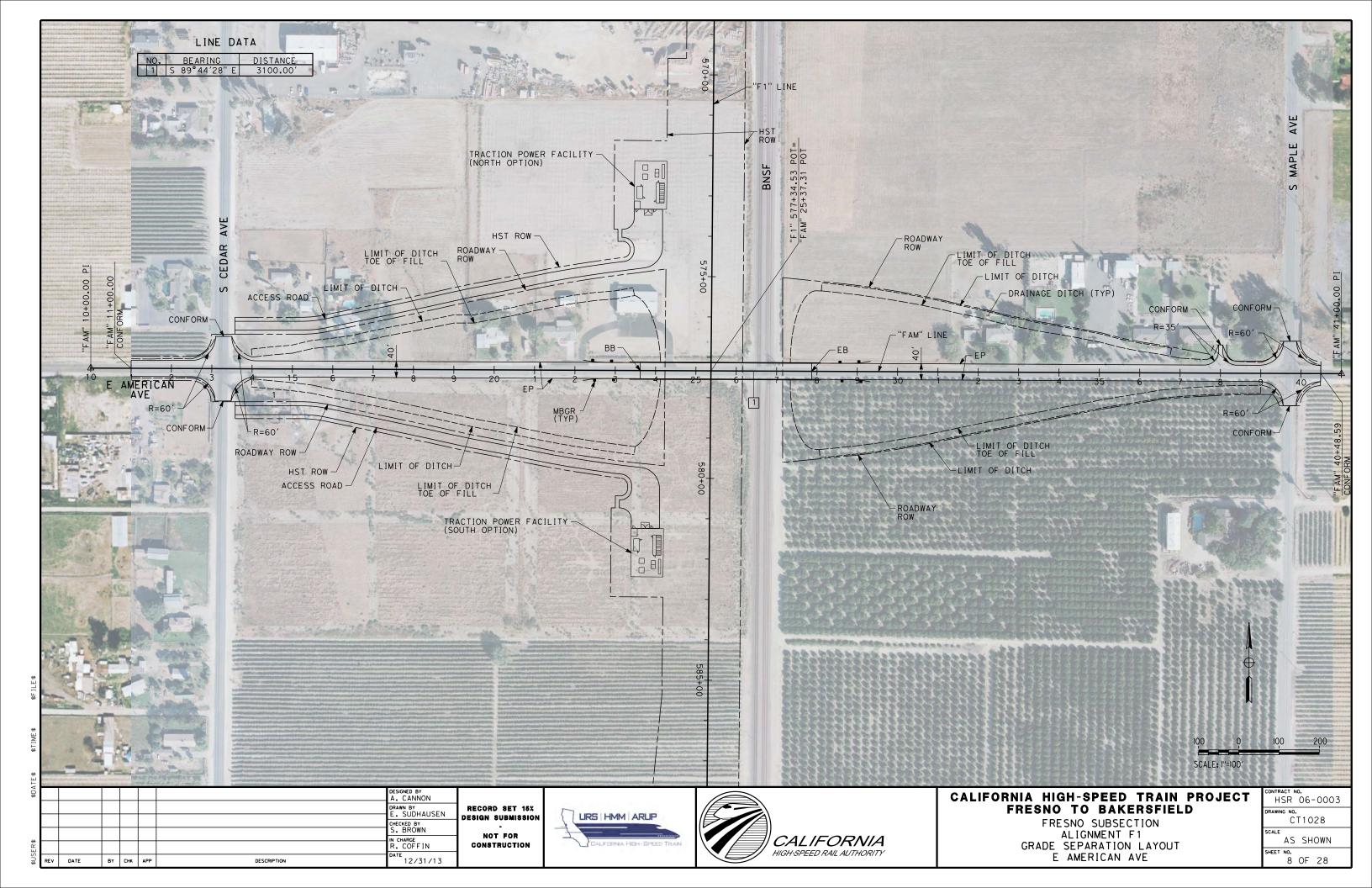


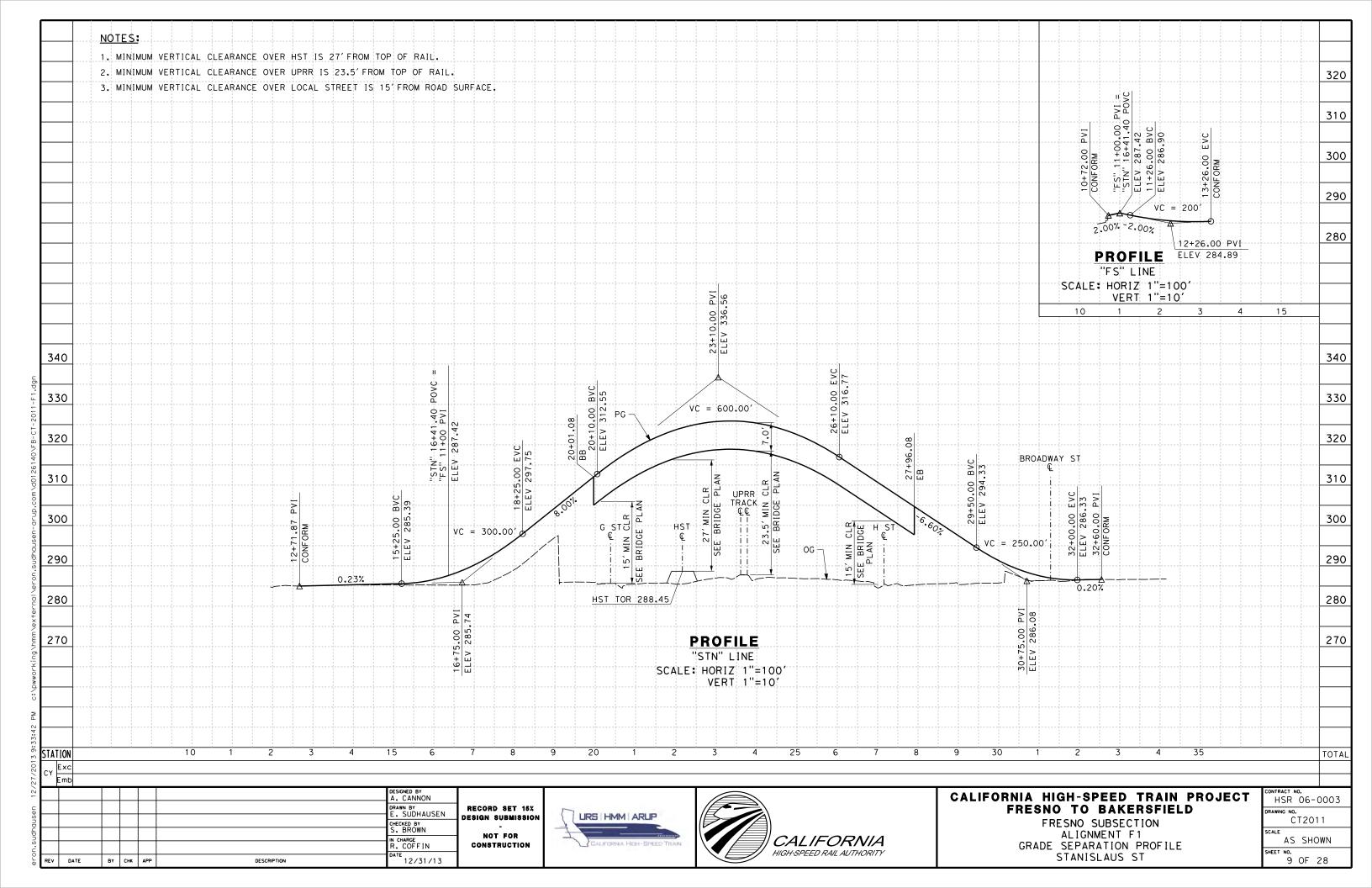


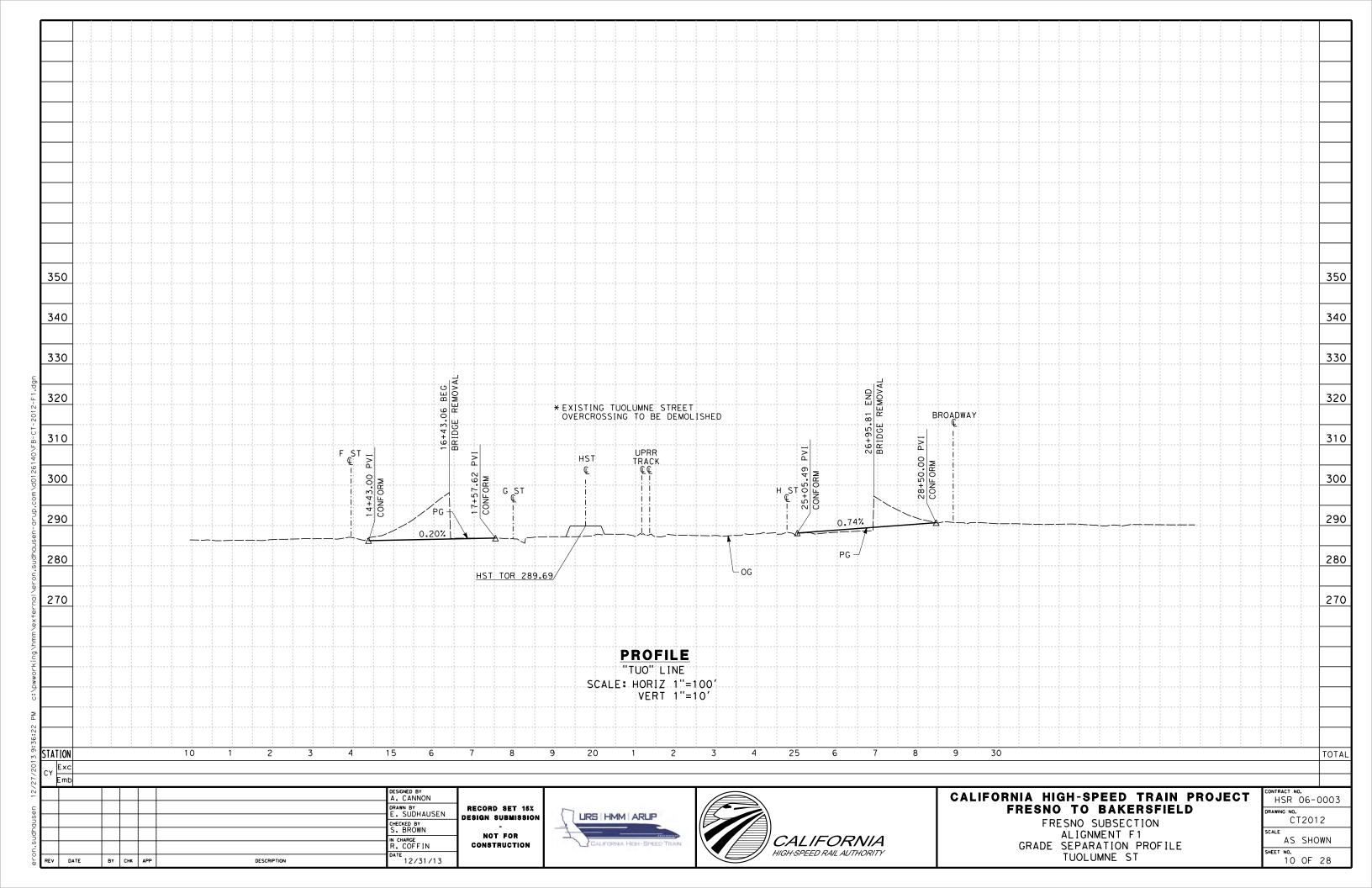


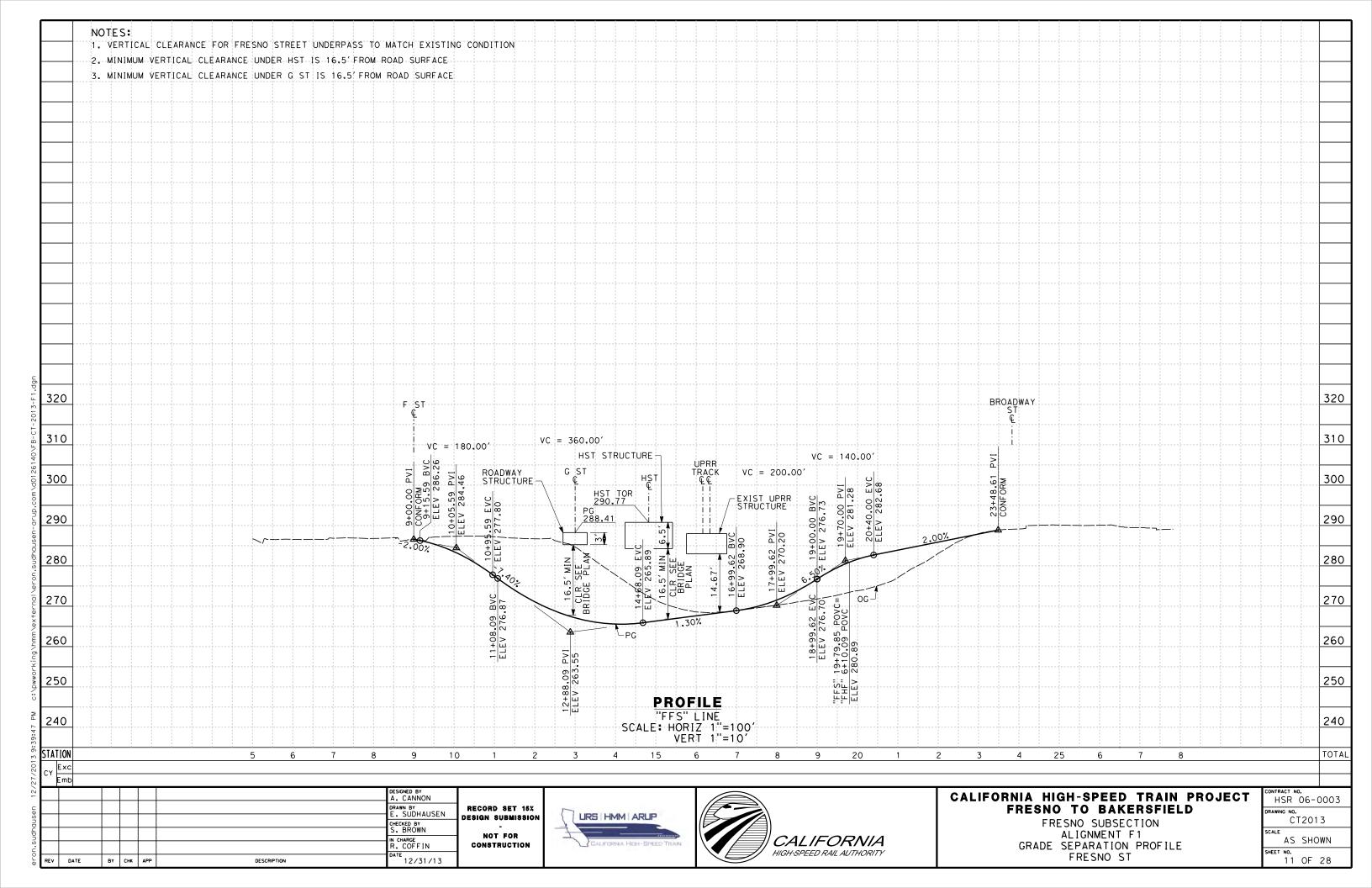


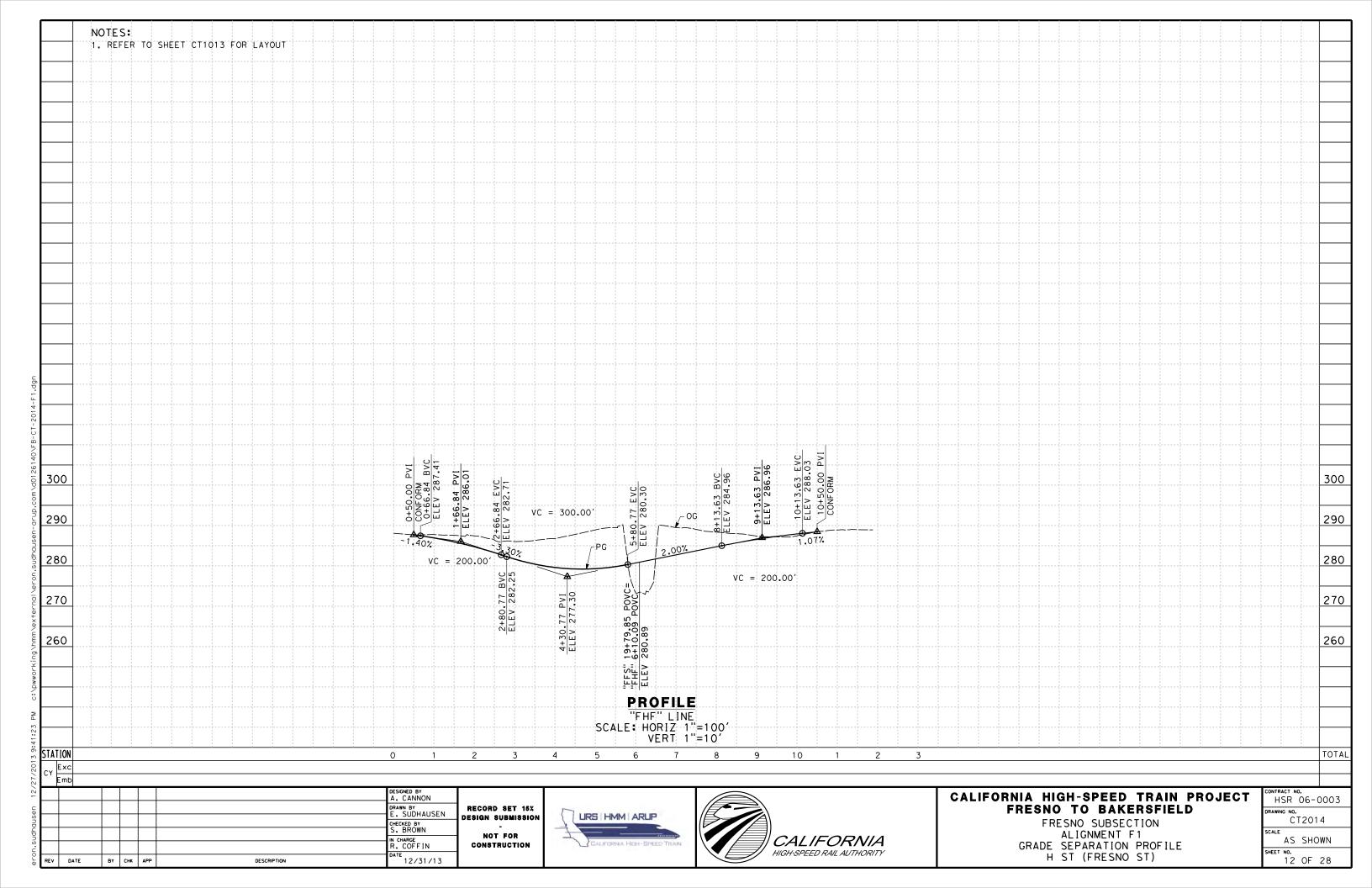


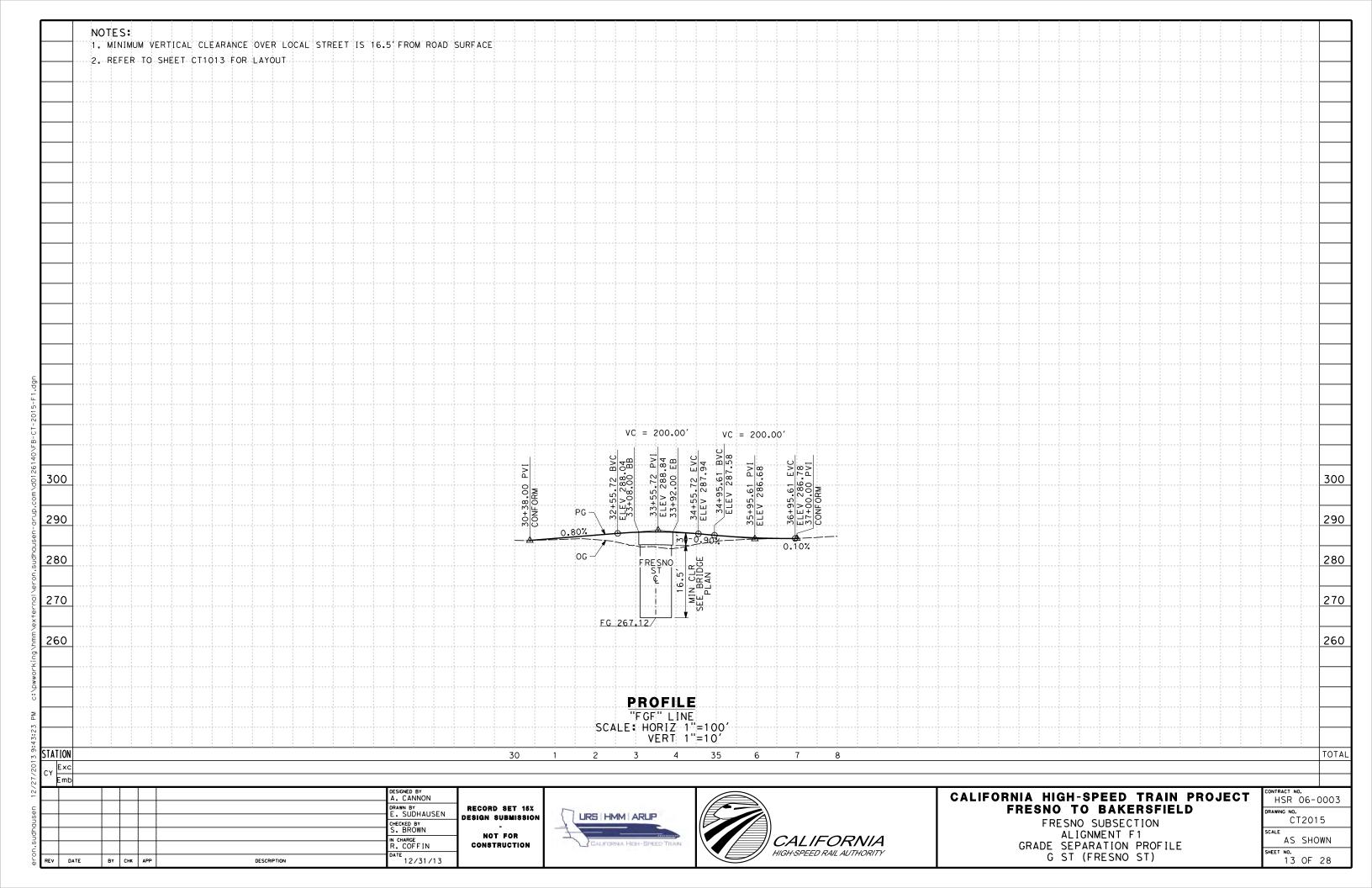


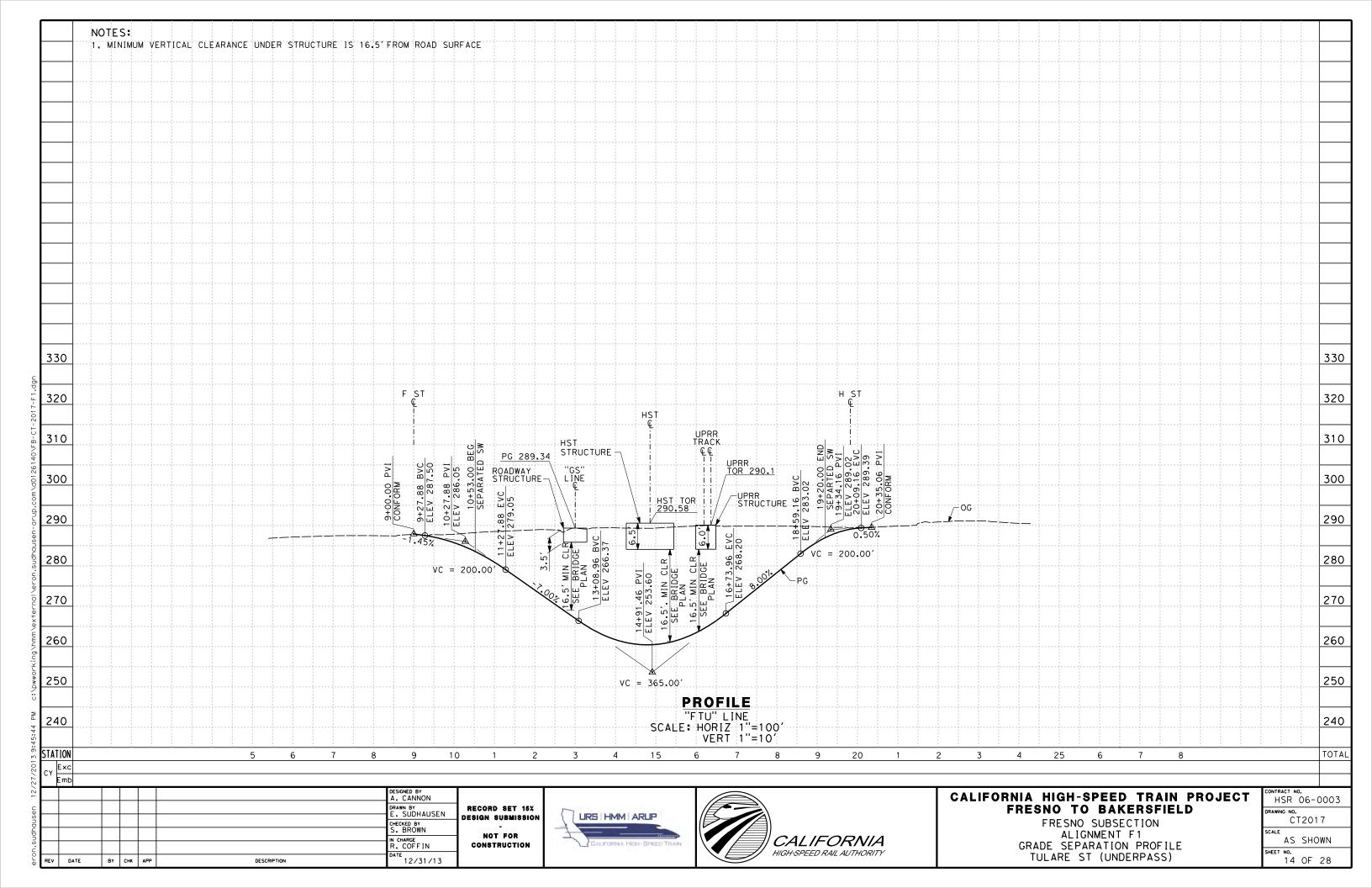


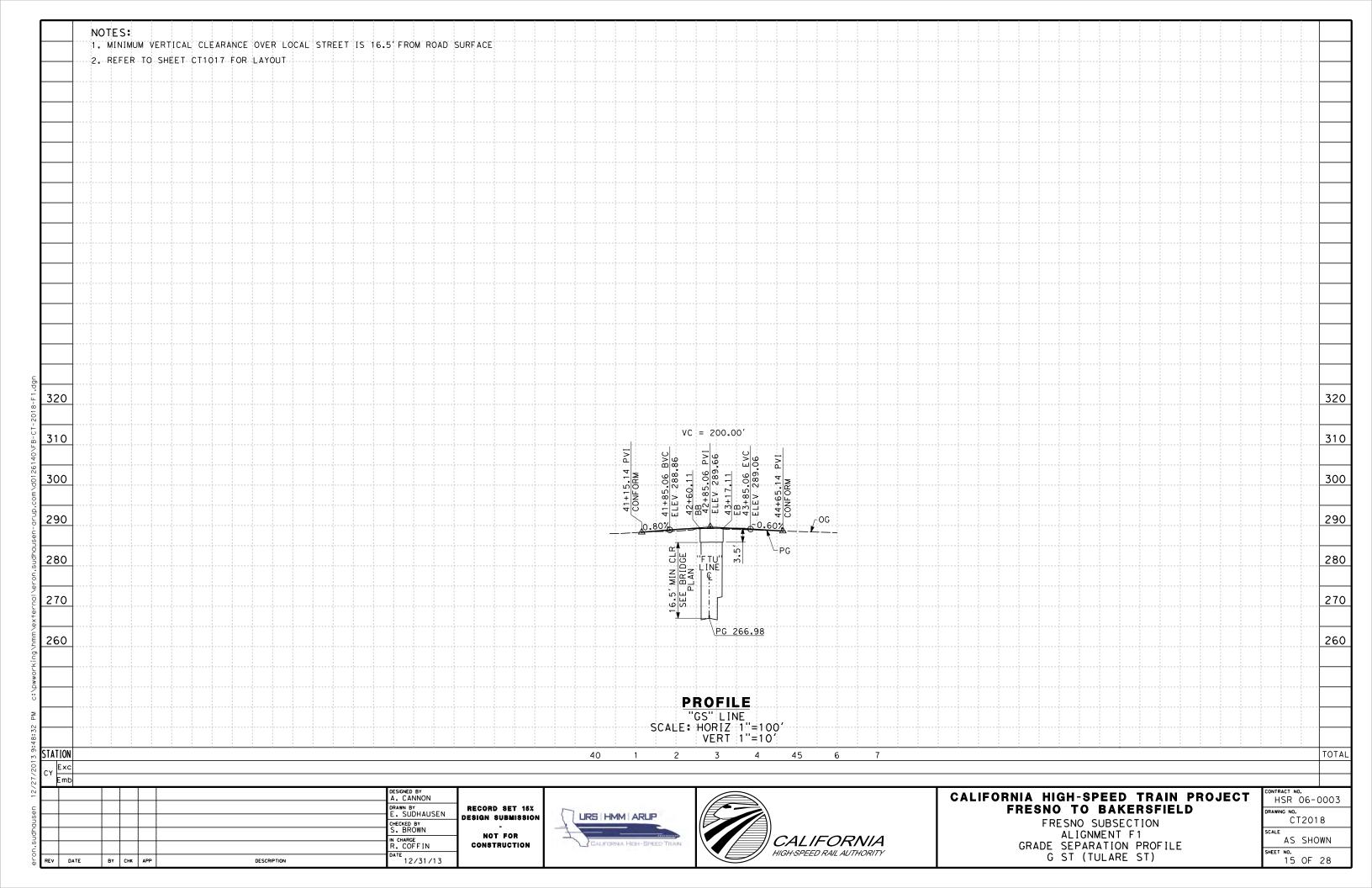


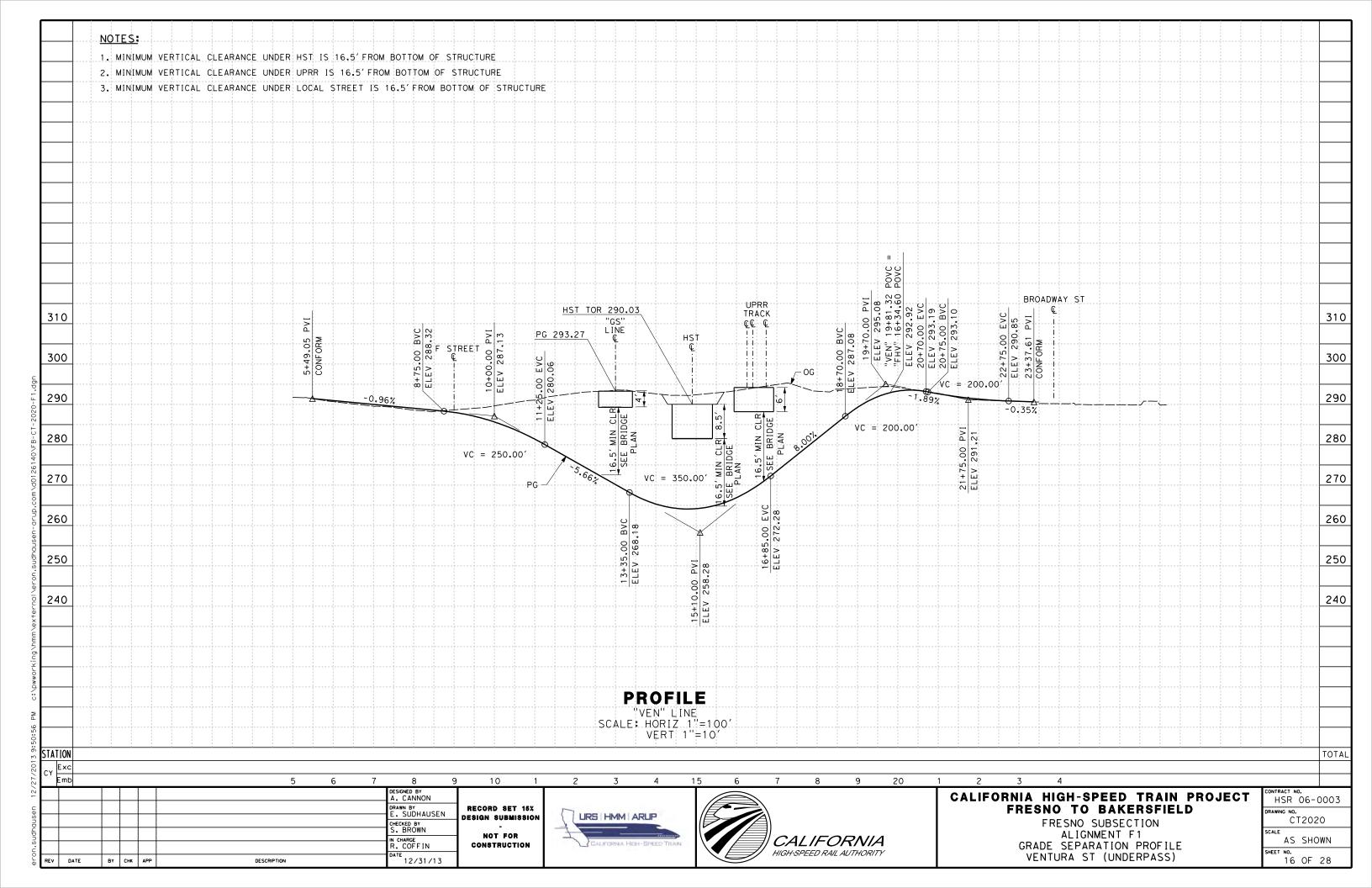


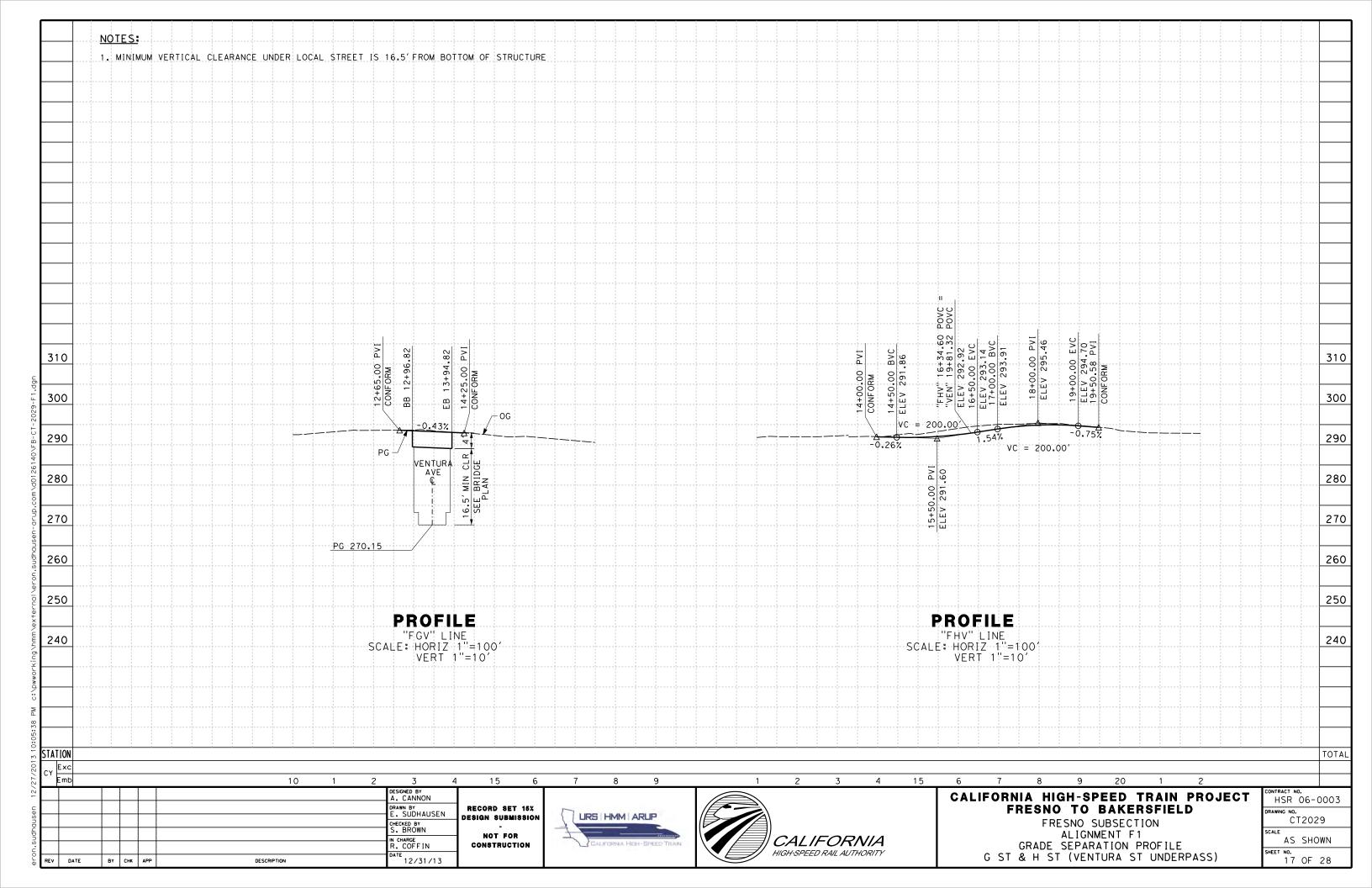


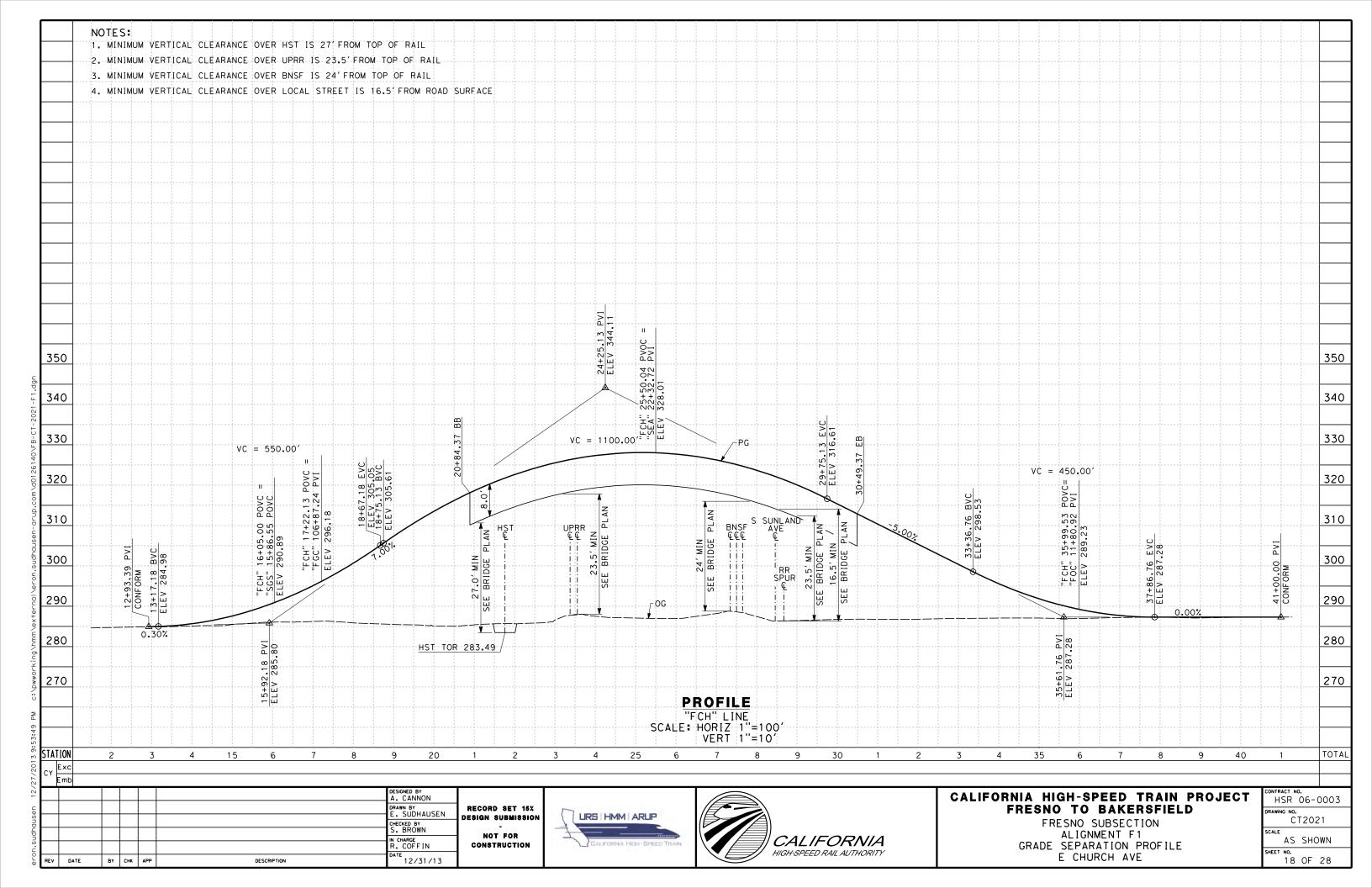


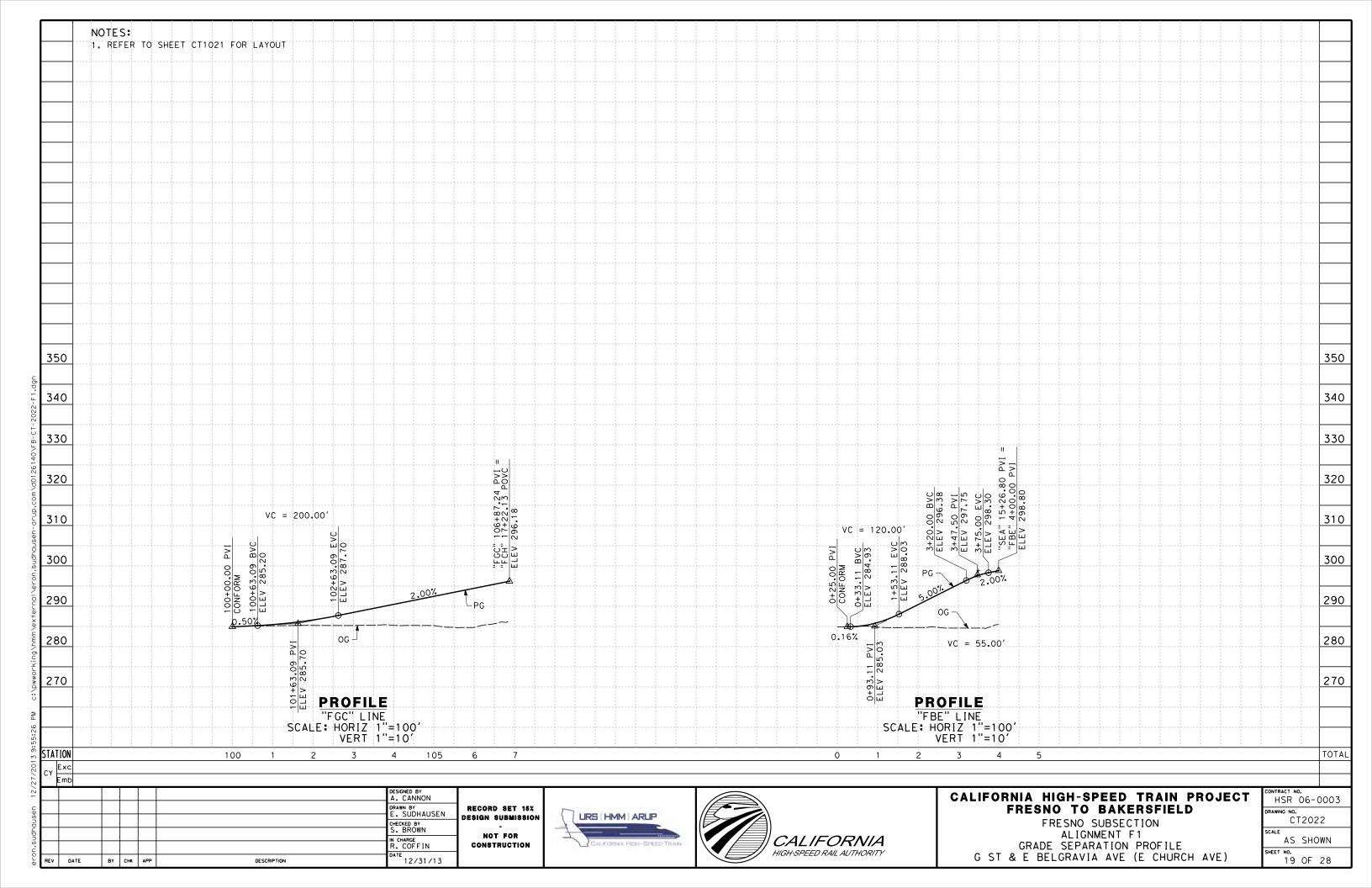


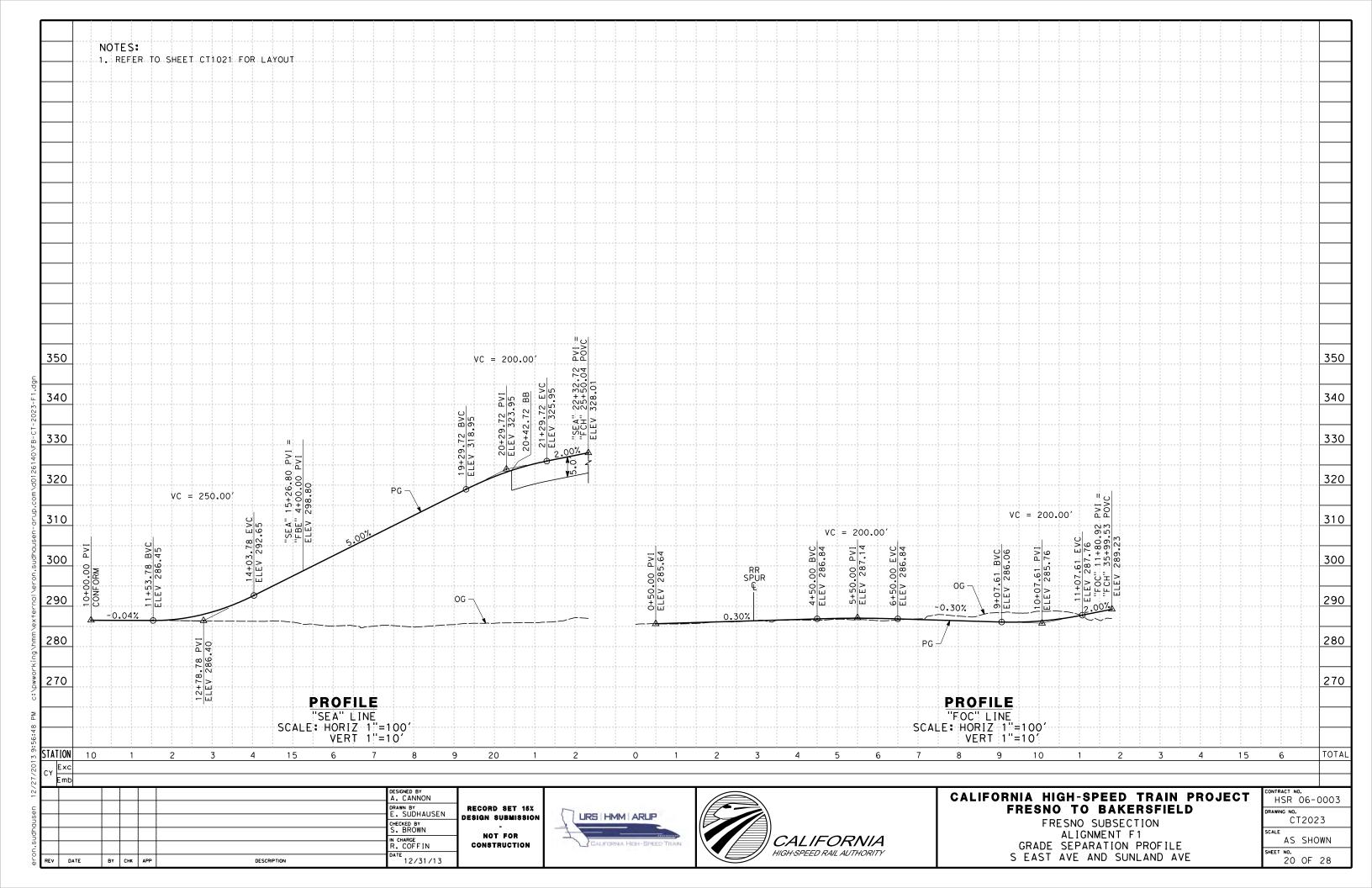


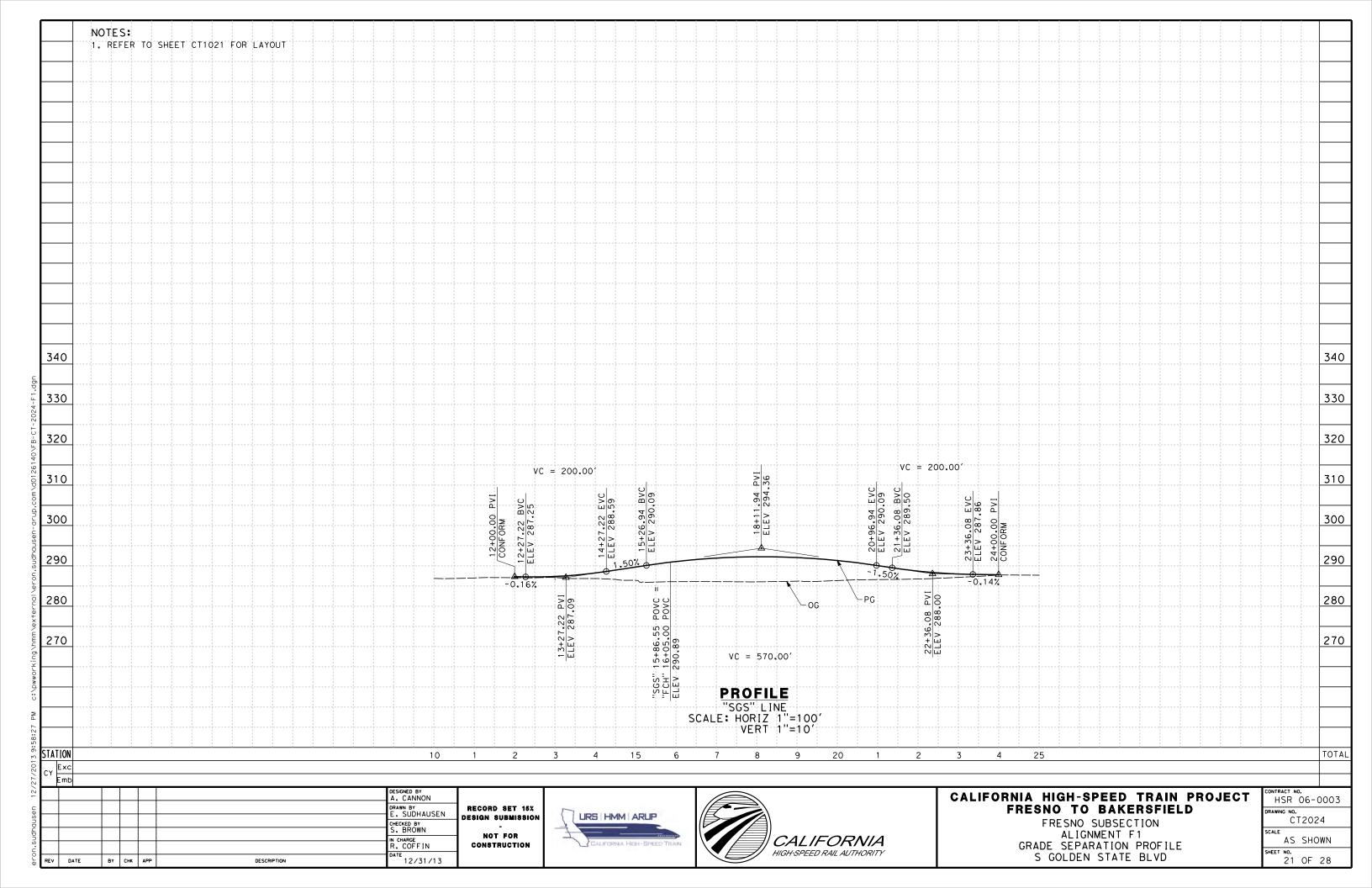


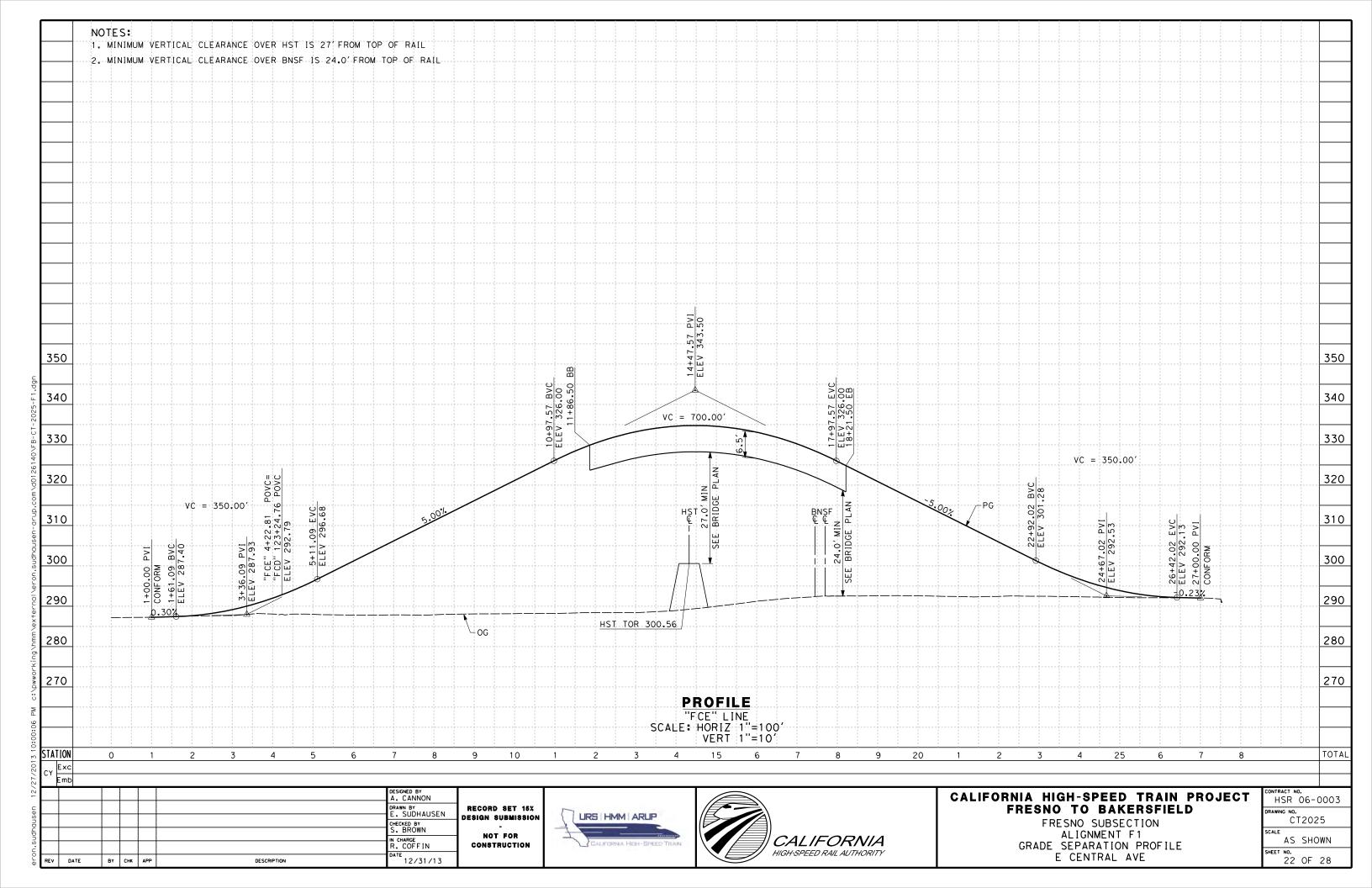


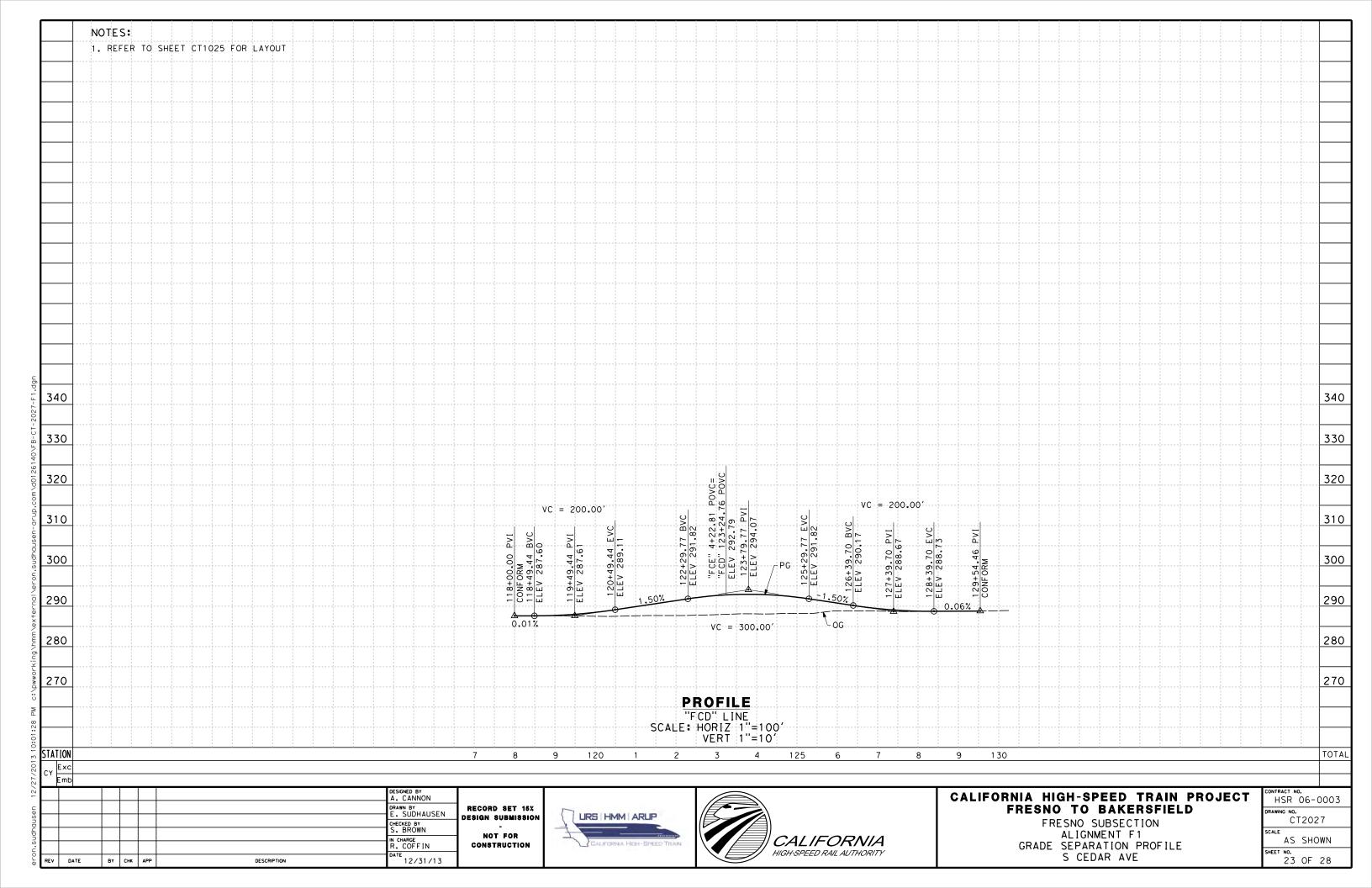


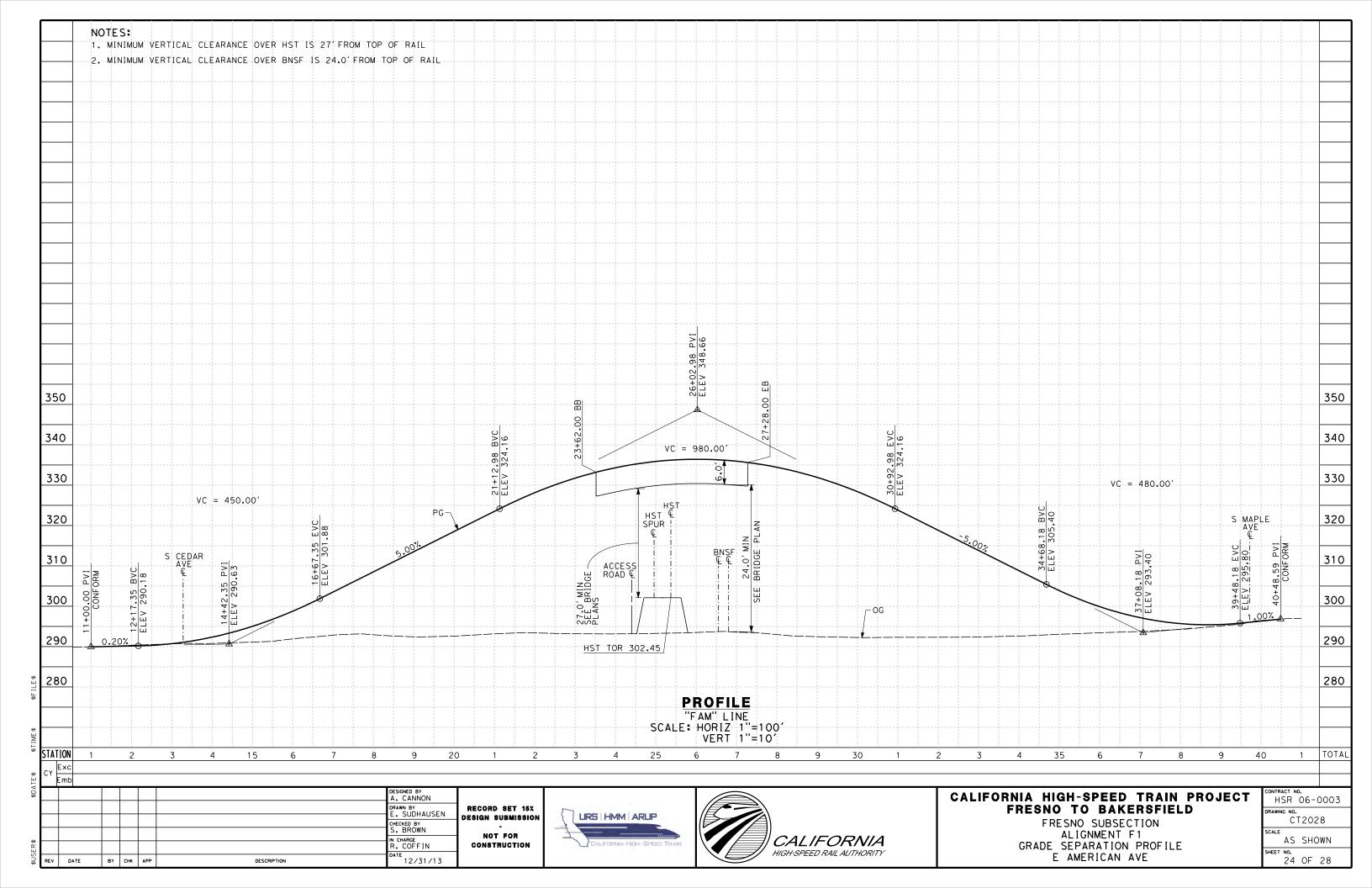






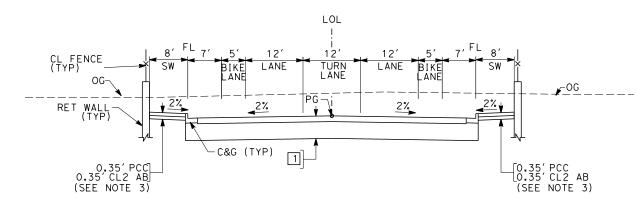






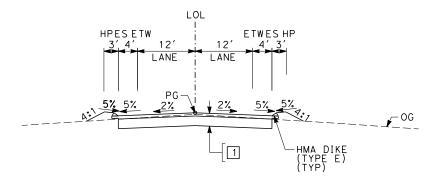
#### NOTES:

- 1. SUPERELEVATION AS SHOWN OR AS DIRECTED BY THE ENGINEER.
- 2. PAVEMENT SECTIONS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. EXACT DIMENSION AND MATERIAL OF THE PAVEMENT SECTION TO BE CONFIRMED.
- 3. PEDESTRIAN FACILITIES WILL BE DESIGNED TO COMPLY WITH ADA REQUIREMENTS.



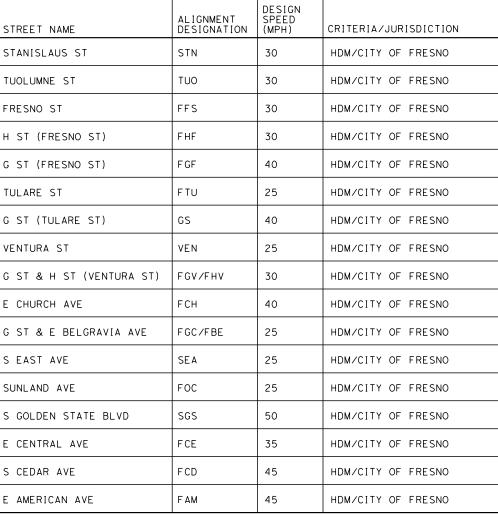
#### SECTION A

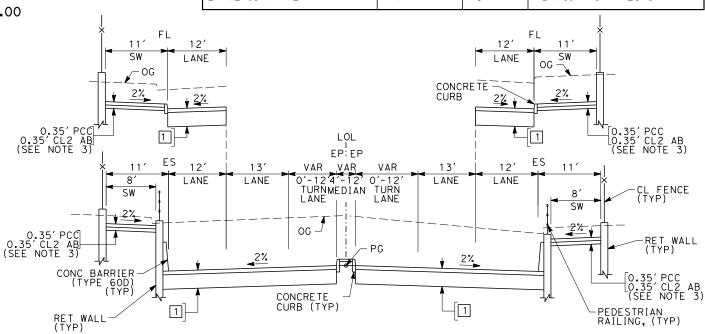
"FHF" 0+50.00 TO 10+50.00



#### SECTION B

"FBE" 0+25.00 TO 4+00.00





#### SECTION C

"FFS" 9+00.00 TO 23+48.61

STRUCTURAL SECTIONS
TYPICAL ROADWAY

1-[0.50' HMA (TYPE A) 1.50' CL2 AB

\$DAT							DESIGNED BY A. CANNON
							DRAWN BY E. SUDHAUSEN
							CHECKED BY S. BROWN
ER\$							IN CHARGE R. COFFIN
\$US	REV	DATE	BY	СНК	APP	DESCRIPTION	DATE 12/31/13

RECORD SET 15%
DESIGN SUBMISSION
NOT FOR
CONSTRUCTION

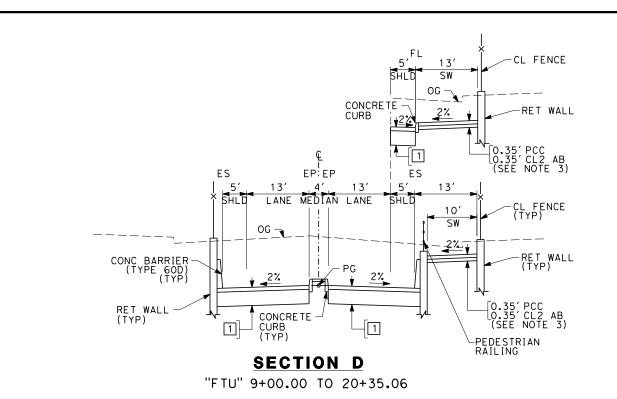


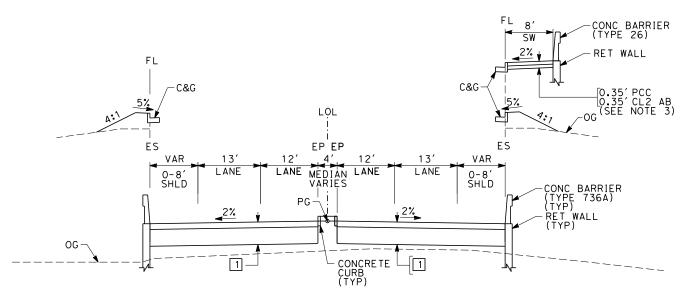


## CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD

FRESNO SUBSECTION
ALIGNMENT F1
ROADWAY / GRADE SEPARATION
TYPICAL CROSS SECTIONS

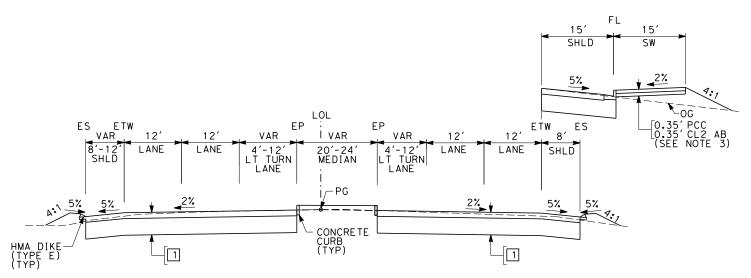
CONTRACT NO.								
HSR 06-0003								
DRAWING NO.								
CT3001								
SCALE								
NO SCALE								
SHEET NO.								
25 OF 28								





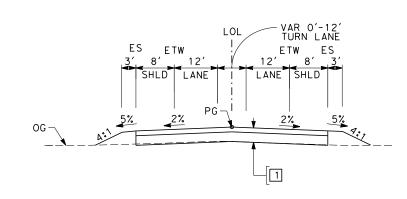
## SECTION E

"FCH" 12+93.39 TO 20+84.37 "FCH" 30+49.37 TO 41+00.00



#### SECTION F

"SGS" 12+00.00 TO 24+00.00



#### SECTION G

"FOC" 0+50.00 TO 11+80.92
"SEA" 10+00.00 TO 22+42.72
"FCE" 1+00.00 TO 4+89.10
"FCE" 25+68.46 TO 27+00.00
"FCD" 118+00.00 TO 129+54.46

ΤĒ								
\$DA							DESIGNED BY A. CANNON	
							DRAWN BY E. SUDHAUSEN	RECORD SET 15% Design Submission
							CHECKED BY S. BROWN	-
₩							IN CHARGE R. COFFIN	NOT FOR Construction
\$USE	REV	DATE	ВΥ	СНК	APP	DESCRIPTION	DATE 12/31/13	

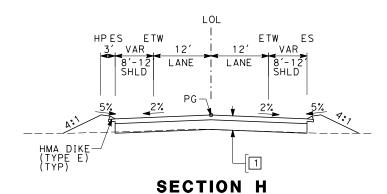
URS HMM ARUP



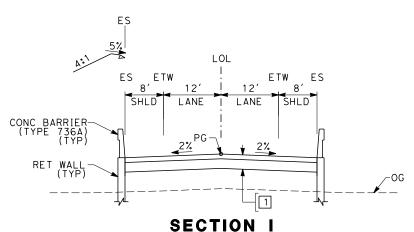
#### CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD

FRESNO SUBSECTION ALIGNMENT F1 ROADWAY / GRADE SEPARATION TYPICAL CROSS SECTIONS

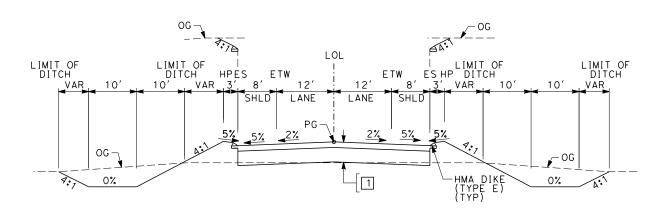
CONTRACT NO. HSR 06-0003
DRAWING NO.
CT3002
SCALE
NO SCALE
SHEET NO.
26 OF 28



"FGC" 100+00.00 TO 106+87.24

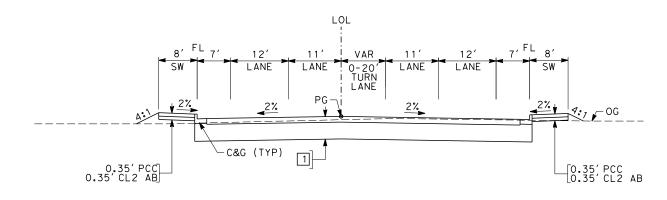


"FCE" 4+89.10 TO 11+86.50
"FCE" 18+21.50 TO 25+68.46



#### SECTION J

"FAM" 11+00.00 TO 23+62.00 "FAM" 27+28.00 TO 40+48.59



#### SECTION K

"FGF" 30+38.00 TO 33+08.00 "FGF" 33+92.00 TO 37+00.00 "GS" 41+15.14 TO 42+60.11 "GS" 43+17.11 TO 44+65.14

TE:								
\$D∆							DESIGNED BY A. CANNON	
							DRAWN BY E. SUDHAUSEN	RI
							CHECKED BY S. BROWN	֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓
ER\$							IN CHARGE R. COFFIN	] ،
\$USER:	REV	DATE	ВΥ	СНК	APP	DESCRIPTION	12/31/13	

RECORD SET 15%
ESIGN SUBMISSION
NOT FOR
CONSTRUCTION

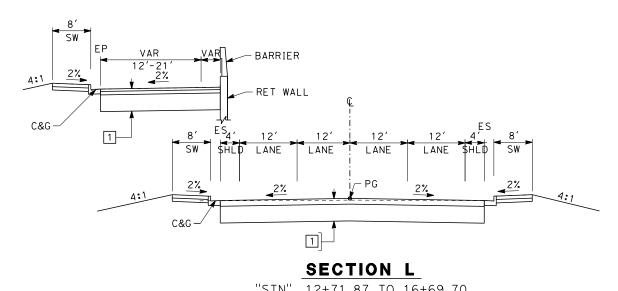




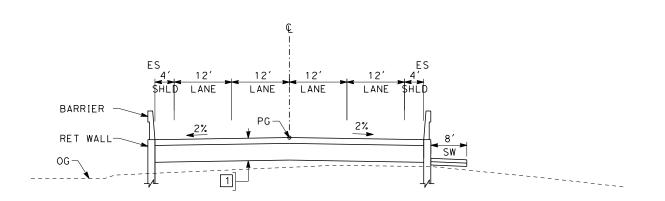
# CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD

FRESNO SUBSECTION
ALIGNMENT F1
ROADWAY / GRADE SEPARATION
TYPICAL CROSS SECTIONS

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HSR 06-0003									
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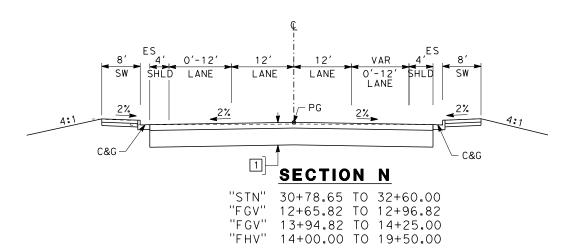


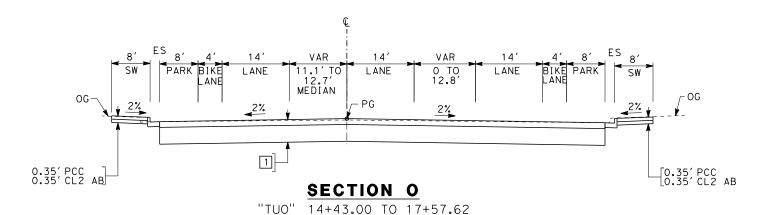
"STN" 12+71.87 TO 16+69.70

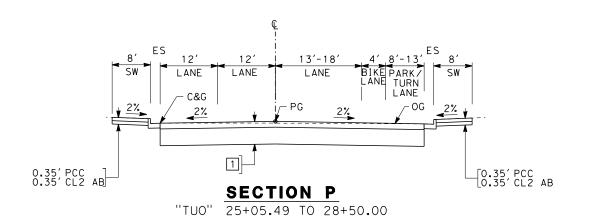


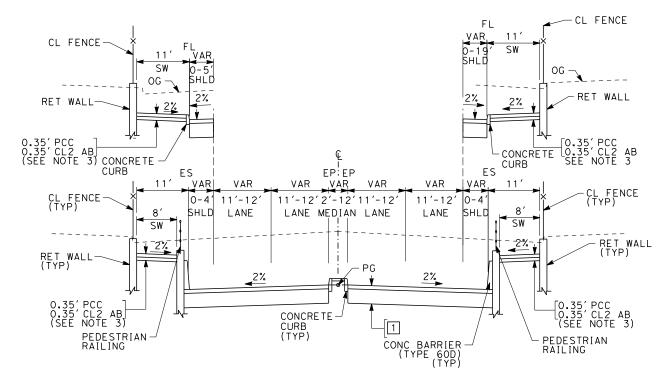
#### SECTION M

"STN" 16+69.70 TO 20+01.08 "STN" 27+96.08 TO 30+78.65









## SECTION Q

"VEN" 5+49.05 TO 23+37.61

Ë								
\$D A							DESIGNED BY A. CANNON	
							DRAWN BY E. SUDHAUSEN	REC DESIG
							CHECKED BY S. BROWN	DESIG
\$USER\$							IN CHARGE R. COFFIN	COI
\$US	REV	DATE	ВΥ	СНК	APP	DESCRIPTION	12/31/13	

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#### CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD

FRESNO SUBSECTION ALIGNMENT F1 ROADWAY / GRADE SEPARATION TYPICAL CROSS SECTIONS

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H	SR	06-	0003	
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	C	Г300	)4	
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SHEET	NO.			
	28	OF	28	